

(FILE 'HOME' ENTERED AT 09:02:13 ON 13 JAN 2005)

FILE 'STNGUIDE' ENTERED AT 09:02:45 ON 13 JAN 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:03:51 ON 13 JAN 2005

L1 131 SEA PLU=ON (STAPHYLOCOCCUS OR AUREUS) AND (23S OR 5S) AND
(INTERGENIC OR SPACER)
L2 38 SEA PLU=ON L1 AND PY<1998
L3 17 DUP REM L2 (21 DUPLICATES REMOVED)
D TI 1-17
D IBIB AB 16 11 9 4 3

FILE 'STNGUIDE'

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	143	(aureus or staphylococcus) and (5s! with 23s!)	US-PGPUB; USPAT	OR	ON	2005/01/13 09:36
L2	4	(aureus or staphylococcus) same (5s! with 23s!)	US-PGPUB; USPAT	OR	ON	2005/01/13 09:37
L3	32	(aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer))	US-PGPUB; USPAT	OR	ON	2005/01/13 09:39
L4	32	(aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer or nontranscribed or untranscribed))	US-PGPUB; USPAT	OR	ON	2005/01/13 09:40

O'Bryen, Barbara

From: Switzer, Juliet
Sent: Thursday, January 13, 2005 10:54 AM
To: O'Bryen, Barbara
Subject: search request

please search for 09/463209

I need an oligomer search of nucleic acids containing at least 10 nucleotides of positions 54-83 or positions 100-166 of seq id no 1. Please limit the hits to records that have 100 or fewer nucleotides. I need to see all hits with 10 or more nucleotides. Do this search in ONLY prior art databases.

please search seq id no 1, 2, 3, and 4 in US patents, pgpubs and interferece files.

please return results on disk.

thanks.

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 13.4224 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-2
Perfect score: 18
Sequence: 1 gtggaagcatggtgacat 18

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Match	Length	DB	ID	Description
	1	18	100.0	77	4	US-08-956-171E-4944	Sequence 4944, Ap
	2	18	100.0	77	4	US-08-781-986A-4944	Sequence 4944, Ap
	3	18	100.0	149	4	US-08-956-171E-4725	Sequence 4725, Ap
	4	18	100.0	149	4	US-08-781-986A-4725	Sequence 4725, Ap
c	5	18	100.0	184	4	US-08-956-171E-4751	Sequence 4751, Ap
c	6	18	100.0	184	4	US-08-781-986A-4751	Sequence 4751, Ap
	7	18	100.0	257	4	US-08-956-171E-4502	Sequence 4502, Ap
	8	18	100.0	257	4	US-08-781-986A-4502	Sequence 4502, Ap
c	9	18	100.0	283	4	US-08-956-171E-4460	Sequence 4460, Ap
c	10	18	100.0	283	4	US-08-781-986A-4460	Sequence 4460, Ap
	11	18	100.0	295	4	US-08-956-171E-4440	Sequence 4440, Ap

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	12	18	100.0	295	4	US-08-781-986A-4440	Sequence 4440, Ap
c	13	18	100.0	306	4	US-08-956-171E-4548	Sequence 4548, Ap
c	14	18	100.0	306	4	US-08-781-986A-4548	Sequence 4548, Ap
c	15	18	100.0	325	4	US-08-956-171E-4226	Sequence 4226, Ap
c	16	18	100.0	325	4	US-08-781-986A-4226	Sequence 4226, Ap
c	17	18	100.0	338	4	US-08-956-171E-4246	Sequence 4246, Ap
c	18	18	100.0	338	4	US-08-781-986A-4246	Sequence 4246, Ap
c	19	18	100.0	340	4	US-08-956-171E-4195	Sequence 4195, Ap
c	20	18	100.0	340	4	US-08-781-986A-4195	Sequence 4195, Ap
c	21	18	100.0	367	4	US-08-956-171E-4059	Sequence 4059, Ap
c	22	18	100.0	367	4	US-08-781-986A-4059	Sequence 4059, Ap
	23	18	100.0	380	4	US-08-956-171E-4075	Sequence 4075, Ap
	24	18	100.0	380	4	US-08-781-986A-4075	Sequence 4075, Ap
c	25	18	100.0	386	4	US-08-956-171E-4064	Sequence 4064, Ap
c	26	18	100.0	386	4	US-08-781-986A-4064	Sequence 4064, Ap
c	27	18	100.0	400	4	US-08-956-171E-3611	Sequence 3611, Ap
c	28	18	100.0	400	4	US-08-956-171E-3620	Sequence 3620, Ap
c	29	18	100.0	400	4	US-08-956-171E-3624	Sequence 3624, Ap
c	30	18	100.0	400	4	US-08-956-171E-3634	Sequence 3634, Ap
c	31	18	100.0	400	4	US-08-956-171E-3638	Sequence 3638, Ap
c	32	18	100.0	400	4	US-08-956-171E-3670	Sequence 3670, Ap
c	33	18	100.0	400	4	US-08-956-171E-3675	Sequence 3675, Ap
c	34	18	100.0	400	4	US-08-956-171E-3700	Sequence 3700, Ap
	35	18	100.0	400	4	US-08-956-171E-3708	Sequence 3708, Ap
c	36	18	100.0	400	4	US-08-956-171E-3719	Sequence 3719, Ap
c	37	18	100.0	400	4	US-08-956-171E-3738	Sequence 3738, Ap
c	38	18	100.0	400	4	US-08-956-171E-3748	Sequence 3748, Ap
c	39	18	100.0	400	4	US-08-956-171E-3768	Sequence 3768, Ap
c	40	18	100.0	400	4	US-08-956-171E-3803	Sequence 3803, Ap
	41	18	100.0	400	4	US-08-956-171E-3858	Sequence 3858, Ap
c	42	18	100.0	400	4	US-08-956-171E-3866	Sequence 3866, Ap
	43	18	100.0	400	4	US-08-956-171E-3972	Sequence 3972, Ap
c	44	18	100.0	400	4	US-08-781-986A-3611	Sequence 3611, Ap
c	45	18	100.0	400	4	US-08-781-986A-3620	Sequence 3620, Ap

ALIGNMENTS

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OM nucleic - nucleic search, using sw.model

Run on: January 15, 2005, 00:43:51 ; Search time 17.509 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-3
Perfect score: 23
Sequence: 1 taagttaaagtgttttgccttcg 23

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents_NA:*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	23	100.0	242	4	US-08-956-171E-4538	Sequence 4538, Ap
2	23	100.0	242	4	US-08-781-986A-4538	Sequence 4538, Ap
3	23	100.0	283	4	US-08-956-171E-4460	Sequence 4460, Ap
4	23	100.0	283	4	US-08-781-986A-4460	Sequence 4460, Ap
5	23	100.0	325	4	US-08-956-171E-4226	Sequence 4226, Ap
6	23	100.0	325	4	US-08-781-986A-4226	Sequence 4226, Ap
7	23	100.0	338	4	US-08-956-171E-4246	Sequence 4246, Ap
8	23	100.0	338	4	US-08-781-986A-4246	Sequence 4246, Ap
9	23	100.0	340	4	US-08-956-171E-4195	Sequence 4195, Ap
10	23	100.0	340	4	US-08-781-986A-4195	Sequence 4195, Ap
11	23	100.0	348	4	US-08-956-171E-4175	Sequence 4175, Ap
12	23	100.0	348	4	US-08-781-986A-4175	Sequence 4175, Ap

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13	23	100.0	367	4	US-08-956-171E-4059	Sequence 4059, Ap
14	23	100.0	367	4	US-08-781-986A-4059	Sequence 4059, Ap
15	23	100.0	371	4	US-08-956-171E-4118	Sequence 4118, Ap
16	23	100.0	371	4	US-08-781-986A-4118	Sequence 4118, Ap
17	23	100.0	386	4	US-08-956-171E-4064	Sequence 4064, Ap
18	23	100.0	386	4	US-08-781-986A-4064	Sequence 4064, Ap
19	23	100.0	400	4	US-08-956-171E-3611	Sequence 3611, Ap
20	23	100.0	400	4	US-08-956-171E-3624	Sequence 3624, Ap
21	23	100.0	400	4	US-08-956-171E-3634	Sequence 3634, Ap
22	23	100.0	400	4	US-08-956-171E-3638	Sequence 3638, Ap
23	23	100.0	400	4	US-08-956-171E-3670	Sequence 3670, Ap
24	23	100.0	400	4	US-08-956-171E-3675	Sequence 3675, Ap
25	23	100.0	400	4	US-08-956-171E-3719	Sequence 3719, Ap
26	23	100.0	400	4	US-08-956-171E-3738	Sequence 3738, Ap
27	23	100.0	400	4	US-08-956-171E-3748	Sequence 3748, Ap
28	23	100.0	400	4	US-08-956-171E-3768	Sequence 3768, Ap
29	23	100.0	400	4	US-08-956-171E-3803	Sequence 3803, Ap
30	23	100.0	400	4	US-08-956-171E-3866	Sequence 3866, Ap
31	23	100.0	400	4	US-08-956-171E-3934	Sequence 3934, Ap
32	23	100.0	400	4	US-08-781-986A-3611	Sequence 3611, Ap
33	23	100.0	400	4	US-08-781-986A-3624	Sequence 3624, Ap
34	23	100.0	400	4	US-08-781-986A-3634	Sequence 3634, Ap
35	23	100.0	400	4	US-08-781-986A-3638	Sequence 3638, Ap
36	23	100.0	400	4	US-08-781-986A-3670	Sequence 3670, Ap
37	23	100.0	400	4	US-08-781-986A-3675	Sequence 3675, Ap
38	23	100.0	400	4	US-08-781-986A-3719	Sequence 3719, Ap
39	23	100.0	400	4	US-08-781-986A-3738	Sequence 3738, Ap
40	23	100.0	400	4	US-08-781-986A-3748	Sequence 3748, Ap
41	23	100.0	400	4	US-08-781-986A-3768	Sequence 3768, Ap
42	23	100.0	400	4	US-08-781-986A-3803	Sequence 3803, Ap
43	23	100.0	400	4	US-08-781-986A-3866	Sequence 3866, Ap
44	23	100.0	400	4	US-08-781-986A-3934	Sequence 3934, Ap
45	23	100.0	401	4	US-08-956-171E-3731	Sequence 3731, Ap

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 1188.73 Seconds
(without alignments)
2665.369 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3039

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query				ID	Description
		Match	Length	DB			
1	56	83.6	64	6		AX107642	AX107642 Sequence
2	30	44.8	50	6		AR359000	AR359000 Sequence
3	30	44.8	50	6		BD080386	BD080386 Nucleic a

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	4	30	44.8	51	6	AR358976	AR358976 Sequence
	5	28	41.8	33	6	AX107605	AX107605 Sequence
c	6	28	41.8	84	6	AR358784	AR358784 Sequence
	7	26	38.8	60	6	AR359001	AR359001 Sequence
	8	26	38.8	60	6	BD080387	BD080387 Nucleic a
c	9	23	34.3	23	6	AX000627	AX000627 Sequence
c	10	23	34.3	23	6	BD080379	BD080379 Nucleic a
c	11	20	29.9	20	6	AX000628	AX000628 Sequence
c	12	20	29.9	20	6	BD080380	BD080380 Nucleic a
c	13	15	22.4	35	6	AR404461	AR404461 Sequence
	14	15	22.4	99	6	AX905356	AX905356 Sequence
	15	15	22.4	99	6	BD040889	BD040889 Sequence
	16	14	20.9	21	6	AR120054	AR120054 Sequence
	17	14	20.9	21	6	I13850	I13850 Sequence 58
c	18	14	20.9	43	6	AX383937	AX383937 Sequence
c	19	14	20.9	51	6	CQ002363	CQ002363 Sequence
	20	14	20.9	82	9	HUMGPIAS10	D49723 Homo sapien
	21	14	20.9	84	6	BD246507	BD246507 De elopme
c	22	14	20.9	100	10	RNU12531	U12531 Rattus norv
c	23	13	19.4	17	6	AR190397	AR190397 Sequence
c	24	13	19.4	17	6	AR325328	AR325328 Sequence
	25	13	19.4	19	6	AX130314	AX130314 Sequence
	26	13	19.4	19	6	AX130315	AX130315 Sequence
	27	13	19.4	19	6	AX130316	AX130316 Sequence
	28	13	19.4	19	6	AX130317	AX130317 Sequence
	29	13	19.4	20	6	AR297321	AR297321 Sequence
	30	13	19.4	24	6	AX289601	AX289601 Sequence
c	31	13	19.4	25	6	AR491718	AR491718 Sequence
c	32	13	19.4	25	6	AX057442	AX057442 Sequence
c	33	13	19.4	26	6	AX383941	AX383941 Sequence
c	34	13	19.4	28	6	AR014026	AR014026 Sequence
c	35	13	19.4	28	6	I21976	I21976 Sequence 62
	36	13	19.4	48	6	AR142488	AR142488 Sequence
	37	13	19.4	48	6	BD070438	BD070438 Sequence
	38	13	19.4	51	6	AX204273	AX204273 Sequence
c	39	13	19.4	57	6	BD233868	BD233868 Sequence
c	40	13	19.4	57	6	AX025289	AX025289 Sequence
	41	13	19.4	65	6	CQ559969	CQ559969 Sequence
	42	13	19.4	65	6	AX485236	AX485236 Sequence
	43	13	19.4	77	3	SLSTEL11	X72241 S.1.1.1e su
	44	13	19.4	77	3	SLSTEL52	X72242 S.1.1.1e su
	45	13	19.4	79	8	AY198660	AY198660 Sequence
c	46	13	19.4	81	6	AX903889	AX903889 Sequence
c	47	13	19.4	81	6	BD039422	BD039422 Sequence
c	48	13	19.4	90	6	AX901626	AX901626 Sequence
c	49	13	19.4	90	6	BD037159	BD037159 Sequence
c	50	13	19.4	92	6	AX904091	AX904091 Sequence
c	51	13	19.4	92	6	BD039624	BD039624 Sequence
c	52	13	19.4	96	6	AX283219	AX283219 Sequence
c	53	13	19.4	97	6	AX283225	AX283225 Sequence
	54	13	19.4	100	6	AX989474	AX989474 Sequence
c	55	13	19.4	100	6	AX990418	AX990418 Sequence
c	56	13	19.4	100	6	AX990419	AX990419 Sequence
c	57	13	19.4	100	6	AX996987	AX996987 Sequence
c	58	12	17.9	17	6	AX383942	AX383942 Sequence
	59	12	17.9	18	6	AR019631	AR019631 Sequence
	60	12	17.9	19	6	AX130313	AX130313 Sequence

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61	12	17.9	20	6	AR092958	AR092958 S	ence
62	12	17.9	20	6	AR312590	AR312590 S	ence
63	12	17.9	20	6	AR359460	AR359460 S	ence
c 64	12	17.9	20	6	AX000629	AX000629 S	ence
c 65	12	17.9	20	6	BD080381	BD080381 L	leic a
c 66	12	17.9	22	6	AR014042	AR014042 S	ence
c 67	12	17.9	22	6	I21992	I21992 S	ence 78
c 68	12	17.9	22	6	AR228278	AR228278 S	ence
c 69	12	17.9	22	6	AX393461	AX393461 S	ence
70	12	17.9	23	8	ACE391683	AJ391683 S	um ce
c 71	12	17.9	24	6	AX164386	AX164386 S	ence
72	12	17.9	25	6	AX393511	AX393511 S	ence
c 73	12	17.9	26	6	AR096182	AR096182 S	ence
74	12	17.9	26	6	BD229976	BD229976 S	com
c 75	12	17.9	26	6	AR210581	AR210581 S	ence
c 76	12	17.9	27	6	AX115898	AX115898 S	ence
c 77	12	17.9	28	9	HSA241962	AJ241962 S	sapi
c 78	12	17.9	29	6	BD097143	BD097143 S	body
c 79	12	17.9	30	6	AR096135	AR096135 S	ence
c 80	12	17.9	30	6	AR210534	AR210534 S	ence
81	12	17.9	30	6	AX793711	AX793711 S	ence
c 82	12	17.9	31	6	AX057532	AX057532 S	ence
83	12	17.9	31	6	AX248025	AX248025 S	ence
84	12	17.9	32	6	CQ778960	CQ778960 S	ence
c 85	12	17.9	35	6	A02281	A02281 S	ytic o
c 86	12	17.9	39	6	AX354710	AX354710 S	ence
87	12	17.9	40	6	BD186519	BD186519 S	od of
c 88	12	17.9	41	6	AX518143	AX518143 S	ence
89	12	17.9	42	8	ATH532365	ATH532365 S	dops
90	12	17.9	43	6	AX483584	AX483584 S	ence
91	12	17.9	45	11	BX467121	BX467121 S	idops
92	12	17.9	47	6	AR288341	AR288341 S	ence
c 93	12	17.9	47	6	AR288604	AR288604 S	ence
c 94	12	17.9	47	6	AR291122	AR291122 S	ence
95	12	17.9	47	8	AJ718981	AJ718981 S	iana
c 96	12	17.9	51	1	SHFAMPC3	KSHFAMPC3 S	li be
97	12	17.9	51	6	CQ004021	CQ004021 S	ence
c 98	12	17.9	51	6	CQ004971	CQ004971 S	ence
c 99	12	17.9	51	6	CQ006978	CQ006978 S	ence
c 100	12	17.9	51	6	AX157063	AX157063 S	ence
c 101	12	17.9	51	6	AX157064	AX157064 S	ence
102	12	17.9	51	6	AX160945	AX160945 S	ence
103	12	17.9	51	6	AX190382	AX190382 S	ence
c 104	12	17.9	51	6	AX190382	AX190382 S	ence
105	12	17.9	51	6	AX190383	AX190383 S	ence
c 106	12	17.9	52	6	AR355954	AR355954 S	ence
c 107	12	17.9	55	8	ATH521338	ATH521338 S	dops
108	12	17.9	59	6	AX187697	AX187697 S	ence
109	12	17.9	60	6	CQ537727	CQ537727 S	ence
110	12	17.9	60	6	CQ538210	CQ538210 S	ence
111	12	17.9	60	6	CQ549751	CQ549751 S	ence
112	12	17.9	62	8	ATH522616	ATH522616 S	dops
c 113	12	17.9	62	8	ATH529265	ATH529265 S	dops
c 114	12	17.9	65	6	AX283231	AX283231 S	ence
c 115	12	17.9	65	6	AX485446	AX485446 S	ence
116	12	17.9	65	6	AX485800	AX485800 S	ence
c 117	12	17.9	65	6	AX486180	AX486180 S	ence

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118	12	17.9	67	3	S54402	S 1402 {3 region,
c 119	12	17.9	67	6	AR141384	A 141384 sequence
120	12	17.9	70	6	AX827177	A 827177 sequence
c 121	12	17.9	76	6	BD096144	BD096144 improved
c 122	12	17.9	76	11	BX295666	BX295666 rabidops
c 123	12	17.9	77	6	AX283230	A 283230 sequence
c 124	12	17.9	77	11	BX295664	BX295664 rabidops
125	12	17.9	83	1	LL23S5S1	X 3763 L. otis 23
126	12	17.9	83	3	DDI5ACTIN	M 5213 D. yosteli
127	12	17.9	83	6	AR478022	A 478022 sequence
128	12	17.9	83	6	AX074215	A 74215 sequence
c 129	12	17.9	83	9	AY398609	AY 98609 Coriaria g
130	12	17.9	84	6	AX799280	A 799280 sequence
c 131	12	17.9	84	9	AF267782	A 267782 Homo sapi
c 132	12	17.9	86	6	AR096179	A 96179 sequence
c 133	12	17.9	86	6	AR210578	A 210578 sequence
c 134	12	17.9	86	8	PETCABA	M 561 P. e. a chl
135	12	17.9	87	6	AX073616	A 73616 sequence
136	12	17.9	87	6	AX073617	A 73617 sequence
137	12	17.9	89	9	HSNL2030R	X 751 H. sapiens g
138	12	17.9	90	6	AR151446	A 151446 sequence
139	12	17.9	90	6	CQ644688	CQ 44688 sequence
140	12	17.9	90	6	AR341319	A 341319 sequence
141	12	17.9	90	6	AX900608	A 900608 sequence
142	12	17.9	90	6	BD036141	B 036141 sequence
c 143	12	17.9	91	6	AR096132	A 96132 sequence
c 144	12	17.9	91	6	AR210531	A 210531 sequence
c 145	12	17.9	93	6	AX283224	A 283224 sequence
146	12	17.9	93	6	AX482095	A 482095 sequence
147	12	17.9	93	6	AX511334	A 511334 sequence
148	12	17.9	93	6	AX721695	A 721695 sequence
c 149	12	17.9	95	6	AX283223	A 283223 sequence
c 150	12	17.9	95	6	AX283234	A 283234 sequence
c 151	12	17.9	95	6	AX283235	A 283235 sequence
c 152	12	17.9	96	6	AX134505	A 134505 sequence
c 153	12	17.9	96	6	AX283220	A 283220 sequence
c 154	12	17.9	98	6	AX283222	A 283222 sequence
155	12	17.9	100	6	CQ001338	CQ 001338 sequence
156	12	17.9	100	6	AX994895	A 994895 sequence
157	12	17.9	100	6	AX994896	A 994896 sequence
c 158	12	17.9	100	6	AX996986	AX 996986 sequence
c 159	12	17.9	100	6	AX998472	A 998472 sequence
160	12	17.9	100	6	AX999014	A 999014 sequence
161	11	16.4	11	6	CQ833221	CQ 833221 sequence
c 162	11	16.4	15	6	I35116	I 35116 sequence 84
c 163	11	16.4	15	6	I35117	I 35117 sequence 85
164	11	16.4	16	6	AR436095	A 436095 sequence
c 165	11	16.4	16	6	AX383912	A 383912 sequence
166	11	16.4	17	6	AX214751	A 214751 sequence
167	11	16.4	17	6	AX214752	A 214752 sequence
168	11	16.4	17	6	AX214753	A 214753 sequence
169	11	16.4	17	6	AX216458	A 216458 sequence
170	11	16.4	17	6	AX216713	A 216713 sequence
171	11	16.4	17	6	AX578926	AX 578926 sequence
172	11	16.4	17	6	AX579651	AX 579651 sequence
173	11	16.4	17	6	AX579860	A 579860 sequence
c 174	11	16.4	17	6	AX674806	AX 674806 sequence

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175	11	16.4	17	6	AX739169	AX739169	ence
c 176	11	16.4	18	6	A27223	A27223 Sy	ic r
c 177	11	16.4	18	6	AR052631	AR052631	ence
178	11	16.4	19	6	AR292496	AR292496	ence
c 179	11	16.4	19	6	AR297065	AR297065	ence
c 180	11	16.4	20	6	AR026602	AR026602	ence
181	11	16.4	20	6	AR107596	AR107596	ence
182	11	16.4	20	6	AR107597	AR107597	ence
183	11	16.4	20	6	AR107598	AR107598	ence
184	11	16.4	20	6	BD218323	BD218323	castle
c 185	11	16.4	20	6	AR203139	AR203139	ence
c 186	11	16.4	20	6	AR205408	AR205408	ence
187	11	16.4	20	6	AR226143	AR226143	ence
188	11	16.4	20	6	AR293101	AR293101	ence
c 189	11	16.4	20	6	AR313672	AR313672	ence
190	11	16.4	20	6	AR492829	AR492829	ence
191	11	16.4	20	6	AX008435	AX008435	ence
c 192	11	16.4	20	6	AX076383	AX076383	ence
c 193	11	16.4	20	6	AX139694	AX139694	ence
c 194	11	16.4	20	6	AX204955	AX204955	ence
195	11	16.4	20	6	AX294720	AX294720	ence
c 196	11	16.4	20	6	AX644862	AX644862	ence
197	11	16.4	21	6	E35954	E35954 Ne	for
198	11	16.4	21	6	E36597	E36597 An	son
199	11	16.4	21	6	AR275183	AR275183	ence
200	11	16.4	21	6	AR297402	AR297402	ence
c 201	11	16.4	21	6	AR297466	AR297466	ence
202	11	16.4	21	6	AR492293	AR492293	ence
c 203	11	16.4	22	4	DOGP41001	DOGP41001	ence
c 204	11	16.4	22	6	BD226457	BD226457	ence
205	11	16.4	22	6	CQ802805	CQ802805	ence
206	11	16.4	22	6	AR492279	AR492279	ence
c 207	11	16.4	22	6	AX375728	AX375728	ence
c 208	11	16.4	22	6	AX375729	AX375729	ence
209	11	16.4	23	6	AR042891	AR042891	ence
210	11	16.4	23	6	BD184587	BD184587	ence
211	11	16.4	23	6	BD184642	BD184642	ence
212	11	16.4	23	6	CQ829323	CQ829323	ence
c 213	11	16.4	23	6	AX529519	AX529519	ence
214	11	16.4	23	6	AX742734	AX742734	ence
215	11	16.4	23	6	AX742789	AX742789	ence
c 216	11	16.4	23	6	BD089154	BD089154	ence
217	11	16.4	23	11	DOGP41001	DOGP41001	ence
c 218	11	16.4	24	6	AR014002	AR014002	ence
219	11	16.4	24	6	CQ829325	CQ829325	ence
220	11	16.4	24	6	CQ829326	CQ829326	ence
c 221	11	16.4	24	6	I21952	I21952 Se	ence
222	11	16.4	24	6	AX004452	AX004452	ence
223	11	16.4	24	6	AX290087	AX290087	ence
c 224	11	16.4	24	6	AX342702	AX342702	ence
225	11	16.4	24	6	AX342703	AX342703	ence
c 226	11	16.4	25	6	AR150764	AR150764	ence
c 227	11	16.4	25	6	BD230482	BD230482	ence
228	11	16.4	25	6	BD271132	BD271132	ence
229	11	16.4	25	6	CQ829328	CQ829328	ence
230	11	16.4	25	6	E49283	E49283	ence
c 231	11	16.4	25	6	I15958	I15958	ence

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c 232	11	16.4	25	6	I19231	I19231 Sequ	3
c 233	11	16.4	25	6	I96157	I96157 Sequ	59
234	11	16.4	25	6	AR258492	AR258492 Sequ	nce
235	11	16.4	25	6	AR299504	AR299504 Sequ	nce
c 236	11	16.4	25	6	AR338327	AR338327 Sequ	nce
237	11	16.4	25	6	AX009718	AX009718 Sequ	nce
c 238	11	16.4	25	6	AX394143	AX394143 Sequ	nce
239	11	16.4	25	6	BD094875	BD094875 Sequ	pro
c 240	11	16.4	25	8	ATH520463	ATH520463 Sequ	dops
241	11	16.4	26	6	A68594	A68594 Sequ	8
242	11	16.4	26	6	A79379	A79379 Sequ	8
243	11	16.4	26	6	AR034228	AR034228 Sequ	nce
244	11	16.4	26	6	AR111576	AR111576 Sequ	nce
245	11	16.4	26	6	AR158202	AR158202 Sequ	nce
c 246	11	16.4	26	6	AR164884	AR164884 Sequ	nce
c 247	11	16.4	26	6	CQ819091	CQ819091 Sequ	nce
c 248	11	16.4	26	6	CQ828184	CQ828184 Sequ	nce
c 249	11	16.4	26	6	CQ829069	CQ829069 Sequ	nce
c 250	11	16.4	26	6	CQ829329	CQ829329 Sequ	nce
c 251	11	16.4	26	6	CQ829330	CQ829330 Sequ	nce
252	11	16.4	26	6	AR267777	AR267777 Sequ	nce
253	11	16.4	26	6	AR365812	AR365812 Sequ	nce
c 254	11	16.4	26	6	AR490685	AR490685 Sequ	nce
255	11	16.4	26	6	AX052697	AX052697 Sequ	nce
256	11	16.4	26	6	AX284183	AX284183 Sequ	nce
c 257	11	16.4	27	6	E35105	E35105 Trunk	ed c
c 258	11	16.4	27	6	AX196317	AX196317 Sequ	nce
259	11	16.4	27	6	AX443172	AX443172 Sequ	nce
260	11	16.4	27	6	AX443174	AX443174 Sequ	nce
c 261	11	16.4	27	6	AX583811	AX583811 Sequ	nce
262	11	16.4	27	6	AX742862	AX742862 Sequ	nce
c 263	11	16.4	27	6	AX794843	AX794843 Sequ	nce
c 264	11	16.4	28	6	AR042829	AR042829 Sequ	nce
c 265	11	16.4	28	6	AR140814	AR140814 Sequ	nce
c 266	11	16.4	28	6	I65642	I65642 Sequ	2
c 267	11	16.4	28	6	I67874	I67874 Sequ	2
c 268	11	16.4	28	6	I90095	I90095 Sequ	2
c 269	11	16.4	28	6	AR344654	AR344654 Sequ	nce
c 270	11	16.4	28	6	AR476986	AR476986 Sequ	nce
271	11	16.4	28	6	AX115983	AX115983 Sequ	nce
272	11	16.4	29	6	AR122392	AR122392 Sequ	nce
c 273	11	16.4	29	6	CQ829288	CQ829288 Sequ	nce
274	11	16.4	30	6	A24732	A24732 pr	2014
275	11	16.4	30	6	AR028235	AR028235 Sequ	nce
276	11	16.4	30	6	AR138638	AR138638 Sequ	nce
c 277	11	16.4	30	6	E03264	E03264 DNA	nc
278	11	16.4	30	6	E63408	E63408 Inhib	ory
279	11	16.4	30	6	AR374970	AR374970 Sequ	nce
280	11	16.4	30	6	AX791069	AX791069 Sequ	nce
281	11	16.4	30	6	AX791290	AX791290 Sequ	nce
c 282	11	16.4	30	6	AX792286	AX792286 Sequ	nce
c 283	11	16.4	30	6	BD174234	BD174234 Sequ	gni
c 284	11	16.4	31	6	AR176183	AR176183 Sequ	nce
c 285	11	16.4	31	6	CQ829292	CQ829292 Sequ	nce
c 286	11	16.4	31	6	AX768384	AX768384 Sequ	nce
287	11	16.4	33	6	AR491626	AR491626 Sequ	nce
c 288	11	16.4	33	6	AX032948	AX032948 Sequ	nce

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289	11	16.4	33	6	AX923074	A 923074	nce
290	11	16.4	33	6	BD074888	B 074888	A s
c 291	11	16.4	34	6	AX452008	A 52008	nce
c 292	11	16.4	34	6	AX538797	A 538797	nce
293	11	16.4	35	6	AR143381	A 43381	nce
294	11	16.4	35	6	AX768383	A 768383	nce
295	11	16.4	35	6	BD103667	B 103667	ved
296	11	16.4	36	6	CQ829301	C 829301	nce
c 297	11	16.4	36	6	AX832746	A 832746	nce
298	11	16.4	36	6	AX937507	A 937507	nce
c 299	11	16.4	36	8	ATH527362	A 527362	dops
c 300	11	16.4	37	6	A67625	A 7625 Se	45
c 301	11	16.4	37	6	AR089763	A 089763	nce
302	11	16.4	37	6	CQ759193	C 759193	nce
c 303	11	16.4	37	6	CQ759194	C 759194	nce
304	11	16.4	37	6	CQ759363	C 759363	nce
305	11	16.4	37	6	E63418	E 418	for
c 306	11	16.4	37	6	AX223034	A 223034	nce
307	11	16.4	37	6	BD010266	B 010266	t pr
308	11	16.4	37	6	BD015314	B 015314	d of
c 309	11	16.4	38	6	AR099493	A 09493	nce
c 310	11	16.4	38	6	AR178774	A 178774	nce
c 311	11	16.4	38	6	CQ829302	C 829302	nce
c 312	11	16.4	38	6	E52278	E 2278 Li	flu
c 313	11	16.4	38	6	AX832778	A 832778	nce
c 314	11	16.4	38	6	AX923060	A 923060	nce
315	11	16.4	38	6	AX937513	A 937513	nce
316	11	16.4	38	6	BD137969	B 137969	nce
c 317	11	16.4	39	6	BD160855	B 160855	redu
318	11	16.4	40	6	BD235752	B 235752	gthe
319	11	16.4	40	6	BD235803	B 235803	of
c 320	11	16.4	40	6	AR182581	A 182581	nce
c 321	11	16.4	40	6	AX516793	A 516793	nce
c 322	11	16.4	41	6	AX514826	A 514826	nce
c 323	11	16.4	41	6	AX515963	A 515963	nce
324	11	16.4	41	6	AX516308	A 516308	nce
325	11	16.4	41	6	AX516465	A 516465	nce
326	11	16.4	41	6	AX516705	A 516705	nce
c 327	11	16.4	41	6	AX516771	A 516771	nce
c 328	11	16.4	41	6	AX517180	A 517180	nce
c 329	11	16.4	41	6	AX517391	A 517391	nce
330	11	16.4	41	6	AX518704	A 518704	nce
331	11	16.4	41	6	AX518869	A 518869	nce
c 332	11	16.4	41	6	AX518934	A 518934	nce
333	11	16.4	41	6	AX520073	A 520073	nce
c 334	11	16.4	42	6	AR118121	A 118121	nce
c 335	11	16.4	42	6	BD193285	B 193285	ctio
c 336	11	16.4	42	6	BD267435	B 267435	ohy
337	11	16.4	42	6	I86954	I 86954	e 43
c 338	11	16.4	42	6	AR337789	A 337789	nce
c 339	11	16.4	43	6	AX483538	A 483538	nce
340	11	16.4	43	6	AX484580	A 484580	nce
341	11	16.4	44	6	AX597789	A 597789	nce
342	11	16.4	44	6	AX597824	A 597824	nce
343	11	16.4	45	8	ATH551969	A 551969	dops
344	11	16.4	46	6	AR003083	A 003083	nce
345	11	16.4	46	6	AR003176	A 003176	nce

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346	11	16.4	46	6	AR009026	A 009026	ence
347	11	16.4	46	6	AR011150	A 011150	ence
348	11	16.4	46	6	AR011434	A 011434	ence
349	11	16.4	46	6	AR052681	A 052681	ence
350	11	16.4	46	6	AR060992	A 060992	ence
351	11	16.4	46	6	AR087723	A 087723	ence
352	11	16.4	46	6	AR175114	A 175114	ence
353	11	16.4	46	6	I17788	I 17788	Sequ e 17
354	11	16.4	46	6	I18072	I 18072	Sequ e 30
355	11	16.4	46	6	I19193	I 19193	Sequ e 13
356	11	16.4	46	6	I19213	I 19213	Sequ e 33
357	11	16.4	46	6	I20054	I 20054	Sequ e 17
358	11	16.4	46	6	I74700	I 74700	Sequ e 40
c 359	11	16.4	46	6	AR233639	AR233639	ence
360	11	16.4	46	6	AR287994	AR287994	ence
361	11	16.4	46	6	AR360128	A 360128	ence
362	11	16.4	46	6	AR408188	A 40 188	ence
c 363	11	16.4	46	8	ATH525484	A 525484	dops
c 364	11	16.4	47	6	A49415	A 49415	Sequ e 8
365	11	16.4	47	6	AR289552	A 289552	Sequ e 1
366	11	16.4	47	6	AR291931	A 291 31	Sequ e 1
367	11	16.4	47	6	AX194741	A 194741	Sequ e 1
c 368	11	16.4	47	6	AX378274	A 378274	Sequ e 1
369	11	16.4	49	6	AR125795	AR125795	Sequ e 1
c 370	11	16.4	49	6	CQ654575	CQ654575	Sequ e 1
371	11	16.4	49	6	I47207	I 47207	Sequ e 13
372	11	16.4	50	6	CQ002619	C 002619	Sequ e 1
373	11	16.4	50	6	CQ002620	C 002620	Sequ e 1
374	11	16.4	50	6	CQ005715	C 005715	Sequ e 1
c 375	11	16.4	50	6	CQ005779	C 005779	Sequ e 1
c 376	11	16.4	50	6	CQ005780	C 005780	Sequ e 1
c 377	11	16.4	50	6	CQ006016	C 006016	Sequ e 1
c 378	11	16.4	50	6	CQ007012	CQ007012	Sequ e 1
c 379	11	16.4	50	6	AR214027	AR214027	Sequ e 1
c 380	11	16.4	50	6	AR215018	A 215018	Sequ e 1
c 381	11	16.4	50	6	AR215207	A 21 20	Sequ e 1
c 382	11	16.4	50	6	AX364677	A 364677	Sequ e 1
383	11	16.4	51	6	CQ005261	C 005261	Sequ e 1
384	11	16.4	51	6	CQ005716	C 005716	Sequ e 1
c 385	11	16.4	51	6	CQ006297	C 006297	Sequ e 1
386	11	16.4	51	6	CQ007005	CQ007005	Sequ e 1
c 387	11	16.4	51	6	E15914	E 5914	Sequ e 7/1
c 388	11	16.4	51	6	E15915	E 5915	Sequ e 7/1
389	11	16.4	51	6	AX118345	AX118345	Sequ e 1
c 390	11	16.4	51	6	AX159303	AX159303	Sequ e 1
c 391	11	16.4	51	6	AX159304	A 159304	Sequ e 1
392	11	16.4	51	6	AX160395	A 160395	Sequ e 1
393	11	16.4	51	6	AX161491	A 161491	Sequ e 1
c 394	11	16.4	51	6	AX165156	A 165156	Sequ e 1
c 395	11	16.4	51	6	AX165276	A 165276	Sequ e 1
c 396	11	16.4	51	6	AX165277	A 165277	Sequ e 1
397	11	16.4	51	6	AX522611	A 522611	Sequ e 1
c 398	11	16.4	52	6	A72768	A 72768	Sequ e 3
c 399	11	16.4	53	1	ECARGG	X 9963 E.	DNA
c 400	11	16.4	53	6	CQ654380	CQ654380	Sequ e 1
c 401	11	16.4	53	6	E04181	E04181	Sequ e 1
402	11	16.4	54	6	AR358913	AR358913	Sequ e 1

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403	11	16.4	54	6	AR358924	AR358924	ence
c 404	11	16.4	55	3	DME426739	AR426739	phil
405	11	16.4	55	6	E04180	E04180	stra
406	11	16.4	55	6	AX899523	AX899523	nce
407	11	16.4	55	6	BD035056	BD035056	nce
c 408	11	16.4	57	6	AR356315	AR356315	nce
c 409	11	16.4	57	8	ATH531511	ATH531511	dops
c 410	11	16.4	57	11	BX296316	BX296316	idops
c 411	11	16.4	58	6	AR358859	AR358859	nce
412	11	16.4	58	6	AX522620	AX522620	nce
413	11	16.4	59	6	AR178722	AR178722	nce
414	11	16.4	59	6	BD251236	BD251236	nucl
415	11	16.4	59	6	AR205427	AR205427	nce
416	11	16.4	59	6	AR220119	AR220119	nce
417	11	16.4	59	6	AR221508	AR221508	nce
418	11	16.4	59	6	AR254210	AR254210	nce
419	11	16.4	59	6	AR282416	AR282416	nce
c 420	11	16.4	59	6	AR357407	AR357407	nce
421	11	16.4	59	6	AR368323	AR368323	nce
422	11	16.4	59	8	ATH524804	ATH524804	dops
c 423	11	16.4	60	6	BD180861	BD180861	of
424	11	16.4	60	6	CQ540823	CQ540823	nce
c 425	11	16.4	60	6	CQ543512	CQ543512	nce
c 426	11	16.4	60	6	CQ546535	CQ546535	nce
c 427	11	16.4	60	6	CQ550086	CQ550086	nce
428	11	16.4	60	6	CQ562280	CQ562280	nce
c 429	11	16.4	60	8	ATH523031	ATH523031	dops
430	11	16.4	60	10	AF357331	AF357331	uscu
c 431	11	16.4	61	6	AX683352	AX683352	nce
c 432	11	16.4	62	3	BRPMBOI	BRPMBOI	ti Mb
433	11	16.4	64	6	BD235385	BD235385	lati
434	11	16.4	64	8	ATH525930	ATH525930	dops
435	11	16.4	65	6	CQ532093	CQ532093	nce
436	11	16.4	65	6	CQ533334	CQ533334	nce
437	11	16.4	65	6	CQ555909	CQ555909	nce
438	11	16.4	65	6	CQ560474	CQ560474	nce
439	11	16.4	65	6	AR486757	AR486757	nce
440	11	16.4	65	6	AX008952	AX008952	nce
c 441	11	16.4	65	6	AX483164	AX483164	nce
442	11	16.4	65	6	AX483286	AX483286	nce
c 443	11	16.4	65	6	AX483710	AX483710	nce
444	11	16.4	65	6	AX483950	AX483950	nce
c 445	11	16.4	65	6	AX484080	AX484080	nce
c 446	11	16.4	65	6	AX484134	AX484134	nce
c 447	11	16.4	65	6	AX484301	AX484301	nce
448	11	16.4	65	6	AX484854	AX484854	nce
449	11	16.4	65	6	AX484978	AX484978	nce
c 450	11	16.4	65	6	AX485127	AX485127	nce
c 451	11	16.4	65	6	AX485170	AX485170	nce
452	11	16.4	65	6	AX485176	AX485176	nce
c 453	11	16.4	65	6	AX485579	AX485579	nce
454	11	16.4	65	6	AX485624	AX485624	nce
455	11	16.4	65	6	AX485721	AX485721	nce
c 456	11	16.4	66	6	AR003084	AR003084	nce
c 457	11	16.4	66	6	AR003177	AR003177	nce
c 458	11	16.4	66	6	AR011151	AR011151	nce
c 459	11	16.4	66	6	I17789	I17789	e 18

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c 460	11	16.4	66	6	I19214	I19214 Sequ	e 34
c 461	11	16.4	66	6	I20055	I20055 Sequ	e 18
c 462	11	16.4	66	6	AR408189	AR408189 S	nce
c 463	11	16.4	66	6	AX597792	AX597792 S	nce
c 464	11	16.4	66	6	AX597793	AX597793 S	nce
c 465	11	16.4	66	6	AX597827	AX597827 S	nce
c 466	11	16.4	66	6	AX597828	AX597828 S	nce
467	11	16.4	66	6	AX899673	AX899673 S	nce
468	11	16.4	66	6	BD035206	BD035206 S	nce
c 469	11	16.4	67	3	S54400	S54400 {3	tion,
c 470	11	16.4	68	6	AR052804	AR052804 S	nce
c 471	11	16.4	68	6	AR127976	AR127976 S	nce
c 472	11	16.4	68	6	AR288117	AR288117 S	nce
473	11	16.4	68	6	AR358834	AR358834 S	nce
c 474	11	16.4	68	6	AR408321	AR408321 S	nce
c 475	11	16.4	68	6	AX283236	AX283236 S	nce
c 476	11	16.4	68	6	AX523231	AX523231 S	nce
c 477	11	16.4	71	6	AR356351	AR356351 S	nce
c 478	11	16.4	72	6	AX187965	AX187965 S	nce
479	11	16.4	72	10	MUSIGHNA	MUSIGHNA M	activ
480	11	16.4	73	6	AX522908	AX522908 S	nce
481	11	16.4	73	6	AX899367	AX899367 S	nce
482	11	16.4	73	6	BD034900	BD034900 S	nce
483	11	16.4	75	9	AY653367	AY653367 S	sapi
484	11	16.4	77	6	AR042758	AR042758 S	nce
485	11	16.4	77	6	AR358839	AR358839 S	nce
486	11	16.4	77	6	AR476915	AR476915 S	nce
487	11	16.4	77	14	S76953	S76953 {	ranged
488	11	16.4	78	6	AX904934	AX904934 S	nce
489	11	16.4	78	6	BD040467	BD040467 S	nce
490	11	16.4	79	6	I19267	I19267 S	e 39
491	11	16.4	79	6	I19275	I19275 S	e 47
492	11	16.4	79	6	I19291	I19291 S	e 63
493	11	16.4	79	6	AX913944	AX913944 S	nce
494	11	16.4	79	6	BD049477	BD049477 S	nce
495	11	16.4	79	9	HUMD3E11M3	HUMD3E11M3	PG2
496	11	16.4	80	3	AF461093	AF461093 S	ndiu
497	11	16.4	80	6	CQ081624	CQ081624 S	nce
498	11	16.4	80	6	CQ116288	CQ116288 S	nce
499	11	16.4	80	6	CQ155013	CQ155013 S	quence
500	11	16.4	80	6	CQ187446	CQ187446 S	terence
501	11	16.4	80	6	CQ238252	CQ238252 S	nce
502	11	16.4	80	6	CQ275849	CQ275849 S	nce
503	11	16.4	80	6	CQ312836	CQ312836 S	nce
504	11	16.4	80	6	CQ350386	CQ350386 S	nce
505	11	16.4	80	6	I19243	I19243 S	15
506	11	16.4	80	6	I19281	I19281 S	53
507	11	16.4	80	6	I19288	I19288 S	60
508	11	16.4	80	6	I19298	I19298 S	70
509	11	16.4	80	6	I73641	I73641 S	95
c 510	11	16.4	80	6	AX695259	AX695259 S	nce
c 511	11	16.4	81	3	AF015938	AF015938 S	tem
512	11	16.4	81	6	AR042806	AR042806 S	nce
c 513	11	16.4	81	6	I19229	I19229 S	1
514	11	16.4	81	6	I19234	I19234 S	6
515	11	16.4	81	6	I19235	I19235 S	7
516	11	16.4	81	6	I19237	I19237 S	9

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517	11	16.4	81	6	I19238	I19238 Se	10
518	11	16.4	81	6	I19239	I19239 Se	11
519	11	16.4	81	6	I19240	I19240 Se	12
520	11	16.4	81	6	I19241	I19241 Se	13
521	11	16.4	81	6	I19242	I19242 Se	14
522	11	16.4	81	6	I19244	I19244 Sequ	16
523	11	16.4	81	6	I19245	I19245 Se	17
524	11	16.4	81	6	I19246	I19246 Se	18
525	11	16.4	81	6	I19247	I19247 Se	19
526	11	16.4	81	6	I19248	I19248 Se	20
527	11	16.4	81	6	I19249	I19249 Se	21
528	11	16.4	81	6	I19250	I19250 Seq	22
529	11	16.4	81	6	I19251	I19251 Seq	23
530	11	16.4	81	6	I19252	I19252 Se	24
531	11	16.4	81	6	I19253	I19253 Se	25
532	11	16.4	81	6	I19254	I19254 Se	26
533	11	16.4	81	6	I19255	I19255 Se	27
534	11	16.4	81	6	I19256	I19256 Se	28
535	11	16.4	81	6	I19257	I19257 Se	29
536	11	16.4	81	6	I19258	I19258 Se	30
537	11	16.4	81	6	I19259	I19259 Se	31
538	11	16.4	81	6	I19260	I19260 Se	32
539	11	16.4	81	6	I19261	I19261 Se	33
540	11	16.4	81	6	I19262	I19262 Se	34
541	11	16.4	81	6	I19263	I19263 Se	35
542	11	16.4	81	6	I19264	I19264 Se	36
543	11	16.4	81	6	I19265	I19265 Se	37
544	11	16.4	81	6	I19266	I19266 Se	38
545	11	16.4	81	6	I19268	I19268 Se	40
546	11	16.4	81	6	I19269	I19269 Se	41
547	11	16.4	81	6	I19270	I19270 Se	42
548	11	16.4	81	6	I19271	I19271 Se	43
549	11	16.4	81	6	I19272	I19272 Se	44
550	11	16.4	81	6	I19273	I19273 Se	45
551	11	16.4	81	6	I19274	I19274 Se	46
552	11	16.4	81	6	I19277	I19277 Se	49
553	11	16.4	81	6	I19278	I19278 Se	50
554	11	16.4	81	6	I19279	I19279 Se	51
555	11	16.4	81	6	I19280	I19280 Se	52
556	11	16.4	81	6	I19282	I19282 Se	54
557	11	16.4	81	6	I19283	I19283 Se	55
558	11	16.4	81	6	I19284	I19284 Se	56
559	11	16.4	81	6	I19285	I19285 Sequ	57
560	11	16.4	81	6	I19286	I19286 Sequ	58
561	11	16.4	81	6	I19287	I19287 Se	59
562	11	16.4	81	6	I19289	I19289 Se	61
563	11	16.4	81	6	I19290	I19290 Se	62
564	11	16.4	81	6	I19292	I19292 Se	64
565	11	16.4	81	6	I19293	I19293 Se	65
566	11	16.4	81	6	I19294	I19294 Se	66
567	11	16.4	81	6	I19295	I19295 Se	67
568	11	16.4	81	6	I19296	I19296 Se	68
569	11	16.4	81	6	I19297	I19297 Se	69
570	11	16.4	81	6	I19299	I19299 Se	71
571	11	16.4	81	6	I19300	I19300 Se	72
572	11	16.4	81	6	I19304	I19304 Se	76
573	11	16.4	81	6	I19305	I19305 Se	77

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574	11	16.4	81	6	I19306	I19306 Sequ	e 78
575	11	16.4	81	6	I19307	I19307 Sequ	e 79
576	11	16.4	81	6	I19308	I19308 Sequ	e 80
577	11	16.4	81	6	I19309	I19309 Sequ	e 81
578	11	16.4	81	6	I19310	I19310 Sequ	e 82
579	11	16.4	81	6	I19311	I19311 Sequ	e 83
580	11	16.4	81	6	I19312	I19312 Sequ	e 84
581	11	16.4	81	6	I19313	I19313 Sequ	e 85
582	11	16.4	81	6	I19314	I19314 Sequ	e 86
583	11	16.4	81	6	I19315	I19315 Sequ	e 87
584	11	16.4	81	6	I19316	I19316 Sequ	e 88
585	11	16.4	81	6	I19317	I19317 Sequ	e 89
586	11	16.4	81	6	I19318	I19318 Sequ	e 90
587	11	16.4	81	6	I19319	I19319 Sequ	e 91
588	11	16.4	81	6	AR359946	AR359946	nce
589	11	16.4	81	6	AR476963	AR476963	nce
590	11	16.4	81	6	AX622764	AX622764	nce
591	11	16.4	81	6	AX777688	AX777688	nce
c 592	11	16.4	81	6	AX903277	AX903277	nce
c 593	11	16.4	81	6	BD038810	BD038810	nce
c 594	11	16.4	81	8	ATH531412	ATH531412	lops
c 595	11	16.4	81	9	AF459591	AF459591	api
c 596	11	16.4	81	14	AF001801	AF001801	l pat
597	11	16.4	82	6	I19236	I19236 Sequ	e 8
598	11	16.4	82	6	I19276	I19276 Sequ	e 48
c 599	11	16.4	82	9	AY679836	AY679836	api
600	11	16.4	83	3	S55610S1	S55610S1	mpl
601	11	16.4	83	6	AR042765	AR042765	nce
602	11	16.4	83	6	AR042776	AR042776	nce
603	11	16.4	83	6	AR042802	AR042802	nce
604	11	16.4	83	6	AR140820	AR140820	nce
605	11	16.4	83	6	AR140841	AR140841	nce
606	11	16.4	83	6	AR150770	AR150770	nce
607	11	16.4	83	6	AR150791	AR150791	nce
608	11	16.4	83	6	I65648	I65648 Sequ	e 8
609	11	16.4	83	6	I65669	I65669 Sequ	e 29
610	11	16.4	83	6	I67380	I67380 Sequ	e 8
611	11	16.4	83	6	I67201	I67201 Sequ	e 29
612	11	16.4	83	6	I90101	I90101 Sequ	e 8
613	11	16.4	83	6	I90122	I90122 Sequ	e 29
614	11	16.4	83	6	AR344660	AR344660	nce
615	11	16.4	83	6	AR344681	AR344681	nce
616	11	16.4	83	6	AR476922	AR476922	nce
617	11	16.4	83	6	AR476933	AR476933	nce
618	11	16.4	83	6	AR476959	AR476959	nce
619	11	16.4	83	8	ATH305681	ATH305681	dops
620	11	16.4	84	6	AR042766	AR042766	nce
621	11	16.4	84	6	AR042772	AR042772	nce
622	11	16.4	84	6	AR042808	AR042808	nce
623	11	16.4	84	6	AR125990	AR125990	nce
624	11	16.4	84	6	AR125991	AR125991	nce
625	11	16.4	84	6	AR140816	AR140816	nce
626	11	16.4	84	6	AR140829	AR140829	nce
627	11	16.4	84	6	AR140830	AR140830	nce
628	11	16.4	84	6	AR150766	AR150766	nce
629	11	16.4	84	6	AR150779	AR150779	nce
630	11	16.4	84	6	AR150780	AR150780	nce

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631	11	16.4	84	6	I65644	I65644 Sequence 4
632	11	16.4	84	6	I65657	I65657 Sequence 17
633	11	16.4	84	6	I65658	I65658 Sequence 18
634	11	16.4	84	6	I67876	I67876 Sequence 4
635	11	16.4	84	6	I67889	I67889 Sequence 17
636	11	16.4	84	6	I67890	I67890 Sequence 18
637	11	16.4	84	6	I90097	I90097 Sequence 4
638	11	16.4	84	6	I90110	I90110 Sequence 17
639	11	16.4	84	6	I90111	I90111 Sequence 18
640	11	16.4	84	6	AR344656	AR344656 Sequence
641	11	16.4	84	6	AR344669	AR344669 Sequence
642	11	16.4	84	6	AR344670	AR344670 Sequence
643	11	16.4	84	6	AR476923	AR476923 Sequence
644	11	16.4	84	6	AR476929	AR476929 Sequence
645	11	16.4	84	6	AR476965	AR476965 Sequence
c 646	11	16.4	84	8	AY201985	AY201985 Aradidops
647	11	16.4	84	11	CR384556	CR384556 Aradidops
c 648	11	16.4	85	4	WALHPRT1	WALHPRT1 Macro as ro
649	11	16.4	85	6	AR042752	AR042752 Sequence
650	11	16.4	85	6	AR042755	AR042755 Sequence
651	11	16.4	85	6	AR042756	AR042756 Sequence
652	11	16.4	85	6	AR042761	AR042761 Sequence
653	11	16.4	85	6	AR042762	AR042762 Sequence
654	11	16.4	85	6	AR042764	AR042764 Sequence
655	11	16.4	85	6	AR042775	AR042775 Sequence
656	11	16.4	85	6	AR042787	AR042787 Sequence
657	11	16.4	85	6	AR042798	AR042798 Sequence
658	11	16.4	85	6	AR042799	AR042799 Sequence
659	11	16.4	85	6	AR042804	AR042804 Sequence
660	11	16.4	85	6	AR042807	AR042807 Sequence
661	11	16.4	85	6	AR125989	AR125989 Sequence
662	11	16.4	85	6	AR126027	AR126027 Sequence
663	11	16.4	85	6	AR126028	AR126028 Sequence
664	11	16.4	85	6	AR126029	AR126029 Sequence
665	11	16.4	85	6	AR126031	AR126031 Sequence
666	11	16.4	85	6	AR126050	AR126050 Sequence
667	11	16.4	85	6	AR140817	AR140817 Sequence
668	11	16.4	85	6	AR140819	AR140819 Sequence
669	11	16.4	85	6	AR140823	AR140823 Sequence
670	11	16.4	85	6	AR140838	AR140838 Sequence
671	11	16.4	85	6	AR140842	AR140842 Sequence
672	11	16.4	85	6	AR140844	AR140844 Sequence
673	11	16.4	85	6	AR150767	AR150767 Sequence
674	11	16.4	85	6	AR150769	AR150769 Sequence
675	11	16.4	85	6	AR150773	AR150773 Sequence
676	11	16.4	85	6	AR150788	AR150788 Sequence
677	11	16.4	85	6	AR150792	AR150792 Sequence
678	11	16.4	85	6	AR150794	AR150794 Sequence
679	11	16.4	85	6	CQ056693	CQ056693 Sequence
680	11	16.4	85	6	CQ075970	CQ075970 Sequence
681	11	16.4	85	6	CQ106947	CQ106947 Sequence
682	11	16.4	85	6	CQ145606	CQ145606 Sequence
683	11	16.4	85	6	CQ181055	CQ181055 Sequence
684	11	16.4	85	6	CQ205410	CQ205410 Sequence
685	11	16.4	85	6	CQ228824	CQ228824 Sequence
686	11	16.4	85	6	CQ303946	CQ303946 Sequence
687	11	16.4	85	6	CQ341245	CQ341245 Sequence

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688	11	16.4	85	6	I65645	I65645 Sequence 5
689	11	16.4	85	6	I65647	I65647 Sequence 7
690	11	16.4	85	6	I65651	I65651 Sequence 11
691	11	16.4	85	6	I65666	I65666 Sequence 26
692	11	16.4	85	6	I65670	I65670 Sequence 30
693	11	16.4	85	6	I65672	I65672 Sequence 32
694	11	16.4	85	6	I67877	I67877 Sequence 5
695	11	16.4	85	6	I67879	I67879 Sequence 7
696	11	16.4	85	6	I67883	I67883 Sequence 11
697	11	16.4	85	6	I67898	I67898 Sequence 26
698	11	16.4	85	6	I67902	I67902 Sequence 30
699	11	16.4	85	6	I67904	I67904 Sequence 32
700	11	16.4	85	6	I90098	I90098 Sequence 5
701	11	16.4	85	6	I90100	I90100 Sequence 7
702	11	16.4	85	6	I90104	I90104 Sequence 11
703	11	16.4	85	6	I90119	I90119 Sequence 26
704	11	16.4	85	6	I90123	I90123 Sequence 30
705	11	16.4	85	6	I90125	I90125 Sequence 32
706	11	16.4	85	6	AR344657	AR344657 Sequence
707	11	16.4	85	6	AR344659	AR344659 Sequence
708	11	16.4	85	6	AR344663	AR344663 Sequence
709	11	16.4	85	6	AR344678	AR344678 Sequence
710	11	16.4	85	6	AR344682	AR344682 Sequence
711	11	16.4	85	6	AR344684	AR344684 Sequence
712	11	16.4	85	6	AR476909	AR476909 Sequence
713	11	16.4	85	6	AR476912	AR476912 Sequence
714	11	16.4	85	6	AR476913	AR476913 Sequence
715	11	16.4	85	6	AR476918	AR476918 Sequence
716	11	16.4	85	6	AR476919	AR476919 Sequence
717	11	16.4	85	6	AR476921	AR476921 Sequence
718	11	16.4	85	6	AR476932	AR476932 Sequence
719	11	16.4	85	6	AR476944	AR476944 Sequence
720	11	16.4	85	6	AR476955	AR476955 Sequence
721	11	16.4	85	6	AR476956	AR476956 Sequence
722	11	16.4	85	6	AR476961	AR476961 Sequence
723	11	16.4	85	6	AR476964	AR476964 Sequence
c 724	11	16.4	85	6	AX772257	AX772257 Sequence
725	11	16.4	85	8	ATH223845	ATH223845 Adops
726	11	16.4	85	8	ATH224036	ATH224036 Adops
727	11	16.4	86	6	AR042750	AR042750 Sequence
728	11	16.4	86	6	AR042751	AR042751 Sequence
729	11	16.4	86	6	AR042753	AR042753 Sequence
730	11	16.4	86	6	AR042754	AR042754 Sequence
731	11	16.4	86	6	AR042757	AR042757 Sequence
732	11	16.4	86	6	AR042759	AR042759 Sequence
733	11	16.4	86	6	AR042760	AR042760 Sequence
734	11	16.4	86	6	AR042763	AR042763 Sequence
735	11	16.4	86	6	AR042773	AR042773 Sequence
736	11	16.4	86	6	AR042774	AR042774 Sequence
737	11	16.4	86	6	AR042788	AR042788 Sequence
738	11	16.4	86	6	AR042800	AR042800 Sequence
739	11	16.4	86	6	AR042801	AR042801 Sequence
740	11	16.4	86	6	AR042803	AR042803 Sequence
741	11	16.4	86	6	AR042805	AR042805 Sequence
742	11	16.4	86	6	AR042809	AR042809 Sequence
743	11	16.4	86	6	AR042828	AR042828 Sequence
744	11	16.4	86	6	AR125980	AR125980 Sequence

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745	11	16.4	86	6	AR125988	AR125988 Sequence
746	11	16.4	86	6	AR125992	AR125992 Sequence
747	11	16.4	86	6	AR125993	AR125993 Sequence
748	11	16.4	86	6	AR125996	AR125996 Sequence
749	11	16.4	86	6	AR125997	AR125997 Sequence
750	11	16.4	86	6	AR126024	AR126024 Sequence
751	11	16.4	86	6	AR126025	AR126025 Sequence
752	11	16.4	86	6	AR126026	AR126026 Sequence
753	11	16.4	86	6	AR126030	AR126030 Sequence
754	11	16.4	86	6	AR126032	AR126032 Sequence
755	11	16.4	86	6	AR126033	AR126033 Sequence
756	11	16.4	86	6	AR126034	AR126034 Sequence
757	11	16.4	86	6	AR126051	AR126051 Sequence
758	11	16.4	86	6	AR126052	AR126052 Sequence
759	11	16.4	86	6	AR126053	AR126053 Sequence
760	11	16.4	86	6	AR126054	AR126054 Sequence
761	11	16.4	86	6	AR126055	AR126055 Sequence
762	11	16.4	86	6	AR126056	AR126056 Sequence
763	11	16.4	86	6	AR126068	AR126068 Sequence
764	11	16.4	86	6	AR126069	AR126069 Sequence
765	11	16.4	86	6	AR126081	AR126081 Sequence
766	11	16.4	86	6	AR126083	AR126083 Sequence
767	11	16.4	86	6	AR126091	AR126091 Sequence
768	11	16.4	86	6	AR140813	AR140813 Sequence
769	11	16.4	86	6	AR140818	AR140818 Sequence
770	11	16.4	86	6	AR140821	AR140821 Sequence
771	11	16.4	86	6	AR140822	AR140822 Sequence
772	11	16.4	86	6	AR140824	AR140824 Sequence
773	11	16.4	86	6	AR140825	AR140825 Sequence
774	11	16.4	86	6	AR140826	AR140826 Sequence
775	11	16.4	86	6	AR140827	AR140827 Sequence
776	11	16.4	86	6	AR140831	AR140831 Sequence
777	11	16.4	86	6	AR140832	AR140832 Sequence
778	11	16.4	86	6	AR140833	AR140833 Sequence
779	11	16.4	86	6	AR140834	AR140834 Sequence
780	11	16.4	86	6	AR140835	AR140835 Sequence
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783	11	16.4	86	6	AR140839	AR140839 Sequence
784	11	16.4	86	6	AR140840	AR140840 Sequence
785	11	16.4	86	6	AR140843	AR140843 Sequence
786	11	16.4	86	6	AR140845	AR140845 Sequence
787	11	16.4	86	6	AR140846	AR140846 Sequence
788	11	16.4	86	6	AR140847	AR140847 Sequence
789	11	16.4	86	6	AR150763	AR150763 Sequence
790	11	16.4	86	6	AR150768	AR150768 Sequence
791	11	16.4	86	6	AR150771	AR150771 Sequence
792	11	16.4	86	6	AR150772	AR150772 Sequence
793	11	16.4	86	6	AR150774	AR150774 Sequence
794	11	16.4	86	6	AR150775	AR150775 Sequence
795	11	16.4	86	6	AR150776	AR150776 Sequence
796	11	16.4	86	6	AR150777	AR150777 Sequence
797	11	16.4	86	6	AR150781	AR150781 Sequence
798	11	16.4	86	6	AR150782	AR150782 Sequence
799	11	16.4	86	6	AR150783	AR150783 Sequence
800	11	16.4	86	6	AR150784	AR150784 Sequence
801	11	16.4	86	6	AR150785	AR150785 Sequence

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802	11	16.4	86	6	AR150786	AR150786 Sequence
803	11	16.4	86	6	AR150787	AR150787 Sequence
804	11	16.4	86	6	AR150789	AR150789 Sequence
805	11	16.4	86	6	AR150790	AR150790 Sequence
806	11	16.4	86	6	AR150793	AR150793 Sequence
807	11	16.4	86	6	AR150795	AR150795 Sequence
808	11	16.4	86	6	AR150796	AR150796 Sequence
809	11	16.4	86	6	AR150797	AR150797 Sequence
810	11	16.4	86	6	CQ077484	CQ077484 Sequence
811	11	16.4	86	6	CQ108502	CQ108502 Sequence
812	11	16.4	86	6	CQ147135	CQ147135 Sequence
813	11	16.4	86	6	CQ206925	CQ206925 Sequence
814	11	16.4	86	6	CQ230368	CQ230368 Sequence
815	11	16.4	86	6	CQ268502	CQ268502 Sequence
816	11	16.4	86	6	CQ305538	CQ305538 Sequence
817	11	16.4	86	6	CQ342726	CQ342726 Sequence
818	11	16.4	86	6	I65641	I65641 Sequence 1
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822	11	16.4	86	6	I65652	I65652 Sequence 12
823	11	16.4	86	6	I65653	I65653 Sequence 13
824	11	16.4	86	6	I65654	I65654 Sequence 14
825	11	16.4	86	6	I65655	I65655 Sequence 15
826	11	16.4	86	6	I65659	I65659 Sequence 19
827	11	16.4	86	6	I65660	I65660 Sequence 20
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829	11	16.4	86	6	I65662	I65662 Sequence 22
830	11	16.4	86	6	I65663	I65663 Sequence 23
831	11	16.4	86	6	I65664	I65664 Sequence 24
832	11	16.4	86	6	I65665	I65665 Sequence 25
833	11	16.4	86	6	I65667	I65667 Sequence 27
834	11	16.4	86	6	I65668	I65668 Sequence 28
835	11	16.4	86	6	I65671	I65671 Sequence 31
836	11	16.4	86	6	I65673	I65673 Sequence 33
837	11	16.4	86	6	I65674	I65674 Sequence 34
838	11	16.4	86	6	I65675	I65675 Sequence 35
839	11	16.4	86	6	I67873	I67873 Sequence 1
840	11	16.4	86	6	I67878	I67878 Sequence 6
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843	11	16.4	86	6	I67884	I67884 Sequence 12
844	11	16.4	86	6	I67885	I67885 Sequence 13
845	11	16.4	86	6	I67886	I67886 Sequence 14
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847	11	16.4	86	6	I67891	I67891 Sequence 19
848	11	16.4	86	6	I67892	I67892 Sequence 20
849	11	16.4	86	6	I67893	I67893 Sequence 21
850	11	16.4	86	6	I67894	I67894 Sequence 22
851	11	16.4	86	6	I67895	I67895 Sequence 23
852	11	16.4	86	6	I67896	I67896 Sequence 24
853	11	16.4	86	6	I67897	I67897 Sequence 25
854	11	16.4	86	6	I67899	I67899 Sequence 27
855	11	16.4	86	6	I67900	I67900 Sequence 28
856	11	16.4	86	6	I67903	I67903 Sequence 31
857	11	16.4	86	6	I67905	I67905 Sequence 33
858	11	16.4	86	6	I67906	I67906 Sequence 34

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859	11	16.4	86	6	I67907	I 7907 Sequence 35
860	11	16.4	86	6	I90094	I 9094 Sequence 1
861	11	16.4	86	6	I90099	I 9099 Sequence 6
862	11	16.4	86	6	I90102	I 90102 Sequence 9
863	11	16.4	86	6	I90103	I 90103 Sequence 10
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866	11	16.4	86	6	I90107	I 90107 Sequence 14
867	11	16.4	86	6	I90108	I 90108 Sequence 15
868	11	16.4	86	6	I90112	I 90112 Sequence 19
869	11	16.4	86	6	I90113	I 90113 Sequence 20
870	11	16.4	86	6	I90114	I 90114 Sequence 21
871	11	16.4	86	6	I90115	I 90115 Sequence 22
872	11	16.4	86	6	I90116	I 90116 Sequence 23
873	11	16.4	86	6	I90117	I 90117 Sequence 24
874	11	16.4	86	6	I90118	I 90118 Sequence 25
875	11	16.4	86	6	I90120	I 90120 Sequence 27
876	11	16.4	86	6	I90121	I 90121 Sequence 28
877	11	16.4	86	6	I90124	I 90124 Sequence 31
878	11	16.4	86	6	I90126	I 90126 Sequence 33
879	11	16.4	86	6	I90127	I 90127 Sequence 34
880	11	16.4	86	6	I90128	I 90128 Sequence 35
881	11	16.4	86	6	AR344653	I 344653 Sequence
882	11	16.4	86	6	AR344658	AR344658 Sequence
883	11	16.4	86	6	AR344661	AR344661 Sequence
884	11	16.4	86	6	AR344662	AR344662 Sequence
885	11	16.4	86	6	AR344664	AR344664 Sequence
886	11	16.4	86	6	AR344665	AR344665 Sequence
887	11	16.4	86	6	AR344666	AR344666 Sequence
888	11	16.4	86	6	AR344667	AR344667 Sequence
889	11	16.4	86	6	AR344671	AR344671 Sequence
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893	11	16.4	86	6	AR344675	AR344675 Sequence
894	11	16.4	86	6	AR344676	AR344676 Sequence
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897	11	16.4	86	6	AR344680	AR344680 Sequence
898	11	16.4	86	6	AR344683	AR344683 Sequence
899	11	16.4	86	6	AR344685	AR344685 Sequence
900	11	16.4	86	6	AR344686	AR344686 Sequence
901	11	16.4	86	6	AR344687	AR344687 Sequence
902	11	16.4	86	6	AR476907	I 476907 Sequence
903	11	16.4	86	6	AR476908	I 476908 Sequence
904	11	16.4	86	6	AR476910	I 476910 Sequence
905	11	16.4	86	6	AR476911	I 476911 Sequence
906	11	16.4	86	6	AR476914	I 476914 Sequence
907	11	16.4	86	6	AR476916	I 476916 Sequence
908	11	16.4	86	6	AR476917	I 476917 Sequence
909	11	16.4	86	6	AR476920	I 476920 Sequence
910	11	16.4	86	6	AR476930	I 476930 Sequence
911	11	16.4	86	6	AR476931	I 476931 Sequence
912	11	16.4	86	6	AR476945	I 476945 Sequence
913	11	16.4	86	6	AR476957	I 476957 Sequence
914	11	16.4	86	6	AR476958	I 476958 Sequence
915	11	16.4	86	6	AR476960	I 476960 Sequence

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917	11	16.4	86	6	AR476966	I 476966	ence
918	11	16.4	86	6	AR476985	I 476985	ence
919	11	16.4	86	8	ATH520562	I 520562	Ar idops
920	11	16.4	86	14	S76949	76949	re tranged
921	11	16.4	87	6	AR125994	I 125994	Se uence
922	11	16.4	87	6	AR125995	I 125995	Se uence
923	11	16.4	87	6	AR126035	I 126035	Se uence
924	11	16.4	87	6	AR126090	I 126090	Se uence
925	11	16.4	87	6	AR140828	I 140828	Se uence
926	11	16.4	87	6	AR150778	I 150778	Se uence
c 927	11	16.4	87	6	I15956	I 15956	Sequ e 57
928	11	16.4	87	6	I65656	I 65656	Sequ e 16
929	11	16.4	87	6	I67888	I 67888	Sequ e 16
930	11	16.4	87	6	I90109	I 90109	Sequ e 16
c 931	11	16.4	87	6	I96155	I 96155	Sequ e 57
932	11	16.4	87	6	AR344668	I 344668	Se uence
933	11	16.4	87	6	AR358744	I 358744	Se uence
c 934	11	16.4	87	6	AX107643	I 107643	Se uence
935	11	16.4	88	6	AR126082	I 126082	Se uence
936	11	16.4	88	6	CQ829270	C 829270	Se uence
937	11	16.4	88	6	CQ829271	C 829271	Se uence
c 938	11	16.4	89	6	CQ111828	C 111828	Se uence
c 939	11	16.4	89	6	CQ150628	C 150628	Se uence
c 940	11	16.4	89	6	CQ233951	C 233951	Se uence
c 941	11	16.4	89	6	CQ309276	C 309276	Se uence
c 942	11	16.4	89	6	CQ345946	C 345946	Se uence
c 943	11	16.4	89	6	E13518	E 3518	ansla
944	11	16.4	90	6	AX241079	I 241079	Se uence
c 945	11	16.4	90	6	AX568542	A 568542	Se uence
946	11	16.4	90	8	AF515009	A 515009	to bi
c 947	11	16.4	91	6	A52242	A 2242	Se 32
c 948	11	16.4	92	6	AX590653	I 590653	ence
c 949	11	16.4	92	6	AX645263	I 645263	ence
c 950	11	16.4	92	6	AX676424	I 676424	ence
951	11	16.4	92	6	BD103665	I 103665	ed
952	11	16.4	93	6	E04210	E 04210	puenc
c 953	11	16.4	93	6	AR355999	I 355999	ence
c 954	11	16.4	93	11	BX295934	X295934	idops
955	11	16.4	93	11	HSPA32C10	3229	iens f
956	11	16.4	94	1	AY152662	A 152662	ture
c 957	11	16.4	94	6	AX283228	I 283228	ence
958	11	16.4	94	8	ATH524878	A 524878	idops
959	11	16.4	94	8	ATH525361	A 525361	idops
c 960	11	16.4	94	11	CR384162	384162	idops
c 961	11	16.4	95	6	AX283217	I 3217	ence
c 962	11	16.4	96	1	EF23S5SPA	23S5SPA	lis
963	11	16.4	96	6	CQ651246	C 651246	ence
c 964	11	16.4	96	6	CQ797810	C 797810	ence
965	11	16.4	96	6	AR424069	I 24069	ence
c 966	11	16.4	96	6	AX283216	I 3216	ence
c 967	11	16.4	96	6	AX283218	I 283218	ence
c 968	11	16.4	96	6	AX283226	I 283226	ence
c 969	11	16.4	96	6	AX283229	I 283229	eg enre
c 970	11	16.4	96	6	AX283233	I 283233	ence
971	11	16.4	96	6	AX984763	I 984763	ence
972	11	16.4	96	6	BD119622	I 119622	to e

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973	11	16.4	96	9	HSTCPPC1
974	11	16.4	96	9	HUMTCP1D1
c 975	11	16.4	97	6	AX283227
c 976	11	16.4	97	6	AX340880
977	11	16.4	97	6	BD059853
c 978	11	16.4	97	8	ATH521111
c 979	11	16.4	98	6	AX906362
c 980	11	16.4	98	6	BD041895
981	11	16.4	99	4	AY112759
982	11	16.4	99	6	E04214
983	11	16.4	99	6	AX907385
984	11	16.4	99	6	BD042918
c 985	11	16.4	99	6	BD095570
c 986	11	16.4	99	9	HUMLPAC105
c 987	11	16.4	100	3	AY619237
988	11	16.4	100	6	CQ000178
989	11	16.4	100	6	CQ000179
c 990	11	16.4	100	6	CQ677834
c 991	11	16.4	100	6	CQ690889
c 992	11	16.4	100	6	CQ696984
c 993	11	16.4	100	6	AX361549
994	11	16.4	100	6	AX989162
c 995	11	16.4	100	6	AX989764
c 996	11	16.4	100	6	AX990993
c 997	11	16.4	100	6	AX990994
c 998	11	16.4	100	6	AX992584
c 999	11	16.4	100	6	AX992585
c1000	11	16.4	100	6	AX992586

X 4992	Human t-com
M 6888	Human t-com
A 183227	Sequence
A 340880	Sequence
E 059853	Sequenced
A 521111	Arabidops
A 906362	Sequence
E 041895	Sequence
A 112759	Sus scrof
E 4214	DNA sequenc
A 907385	Sequence
E 042918	Sequence
E 095570	Netted fo
E 095570	Netted fo
A 619237	Sequence
C 000178	Sequence
C 000179	Sequence
C 677834	Sequence
C 690889	Sequence
C 696984	Sequence
A 361549	Sequence
A 989162	Sequence
A 989764	Sequence
A 990993	Sequence
A 990994	Sequence
A 992584	Sequence
A 992585	Sequence
A 992586	Sequence

ALIGNMENTS

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 275.598 Seconds
(without alignments)
1276.175 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 4640

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N_Geneseq_23Sep04:*
1: geneseqn1980s:*
2: geneseqn1990s:*
3: geneseqn2000s:*
4: geneseqn2001as:*
5: geneseqn2001bs:*
6: geneseqn2002as:*
7: geneseqn2002bs:*
8: geneseqn2003as:*
9: geneseqn2003bs:*
10: geneseqn2003cs:*
11: geneseqn2003ds:*
12: geneseqn2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result			%		Query				Description
	No.	Score	Match	Length	DB	ID			
	1	56	83.6	64	4	AAH50266			Aah50266 Bacterial
	2	30	44.8	50	2	AAV79429			Aav79429 Staphyloc
	3	30	44.8	51	2	AAV79405			Aav79405 Staphyloc
	4	28	41.8	33	4	AAH50229			Aah50229 Bacterial
c	5	28	41.8	84	2	AAV79213			Aav79213 Staphyloc
	6	26	38.8	60	2	AAV79430			Aav79430 Staphyloc

c	7	23	34.3	23	2	AAX02742	Aax02742 S. aureus
c	8	20	29.9	20	2	AAX02743	Aax02743 S. aureus
c	9	15	22.4	18	10	ADE14313	Adel4313 Optineuri
	10	15	22.4	29	2	AAQ42492	Aaq42492 PCR prime
c	11	15	22.4	35	3	AAZ43160	Aaz43160 PCR prime
	12	15	22.4	99	3	AAC17144	Aac17144 Human sec
	13	14	20.9	17	8	ACA06796	Aca06796 NFkB sub-
	14	14	20.9	19	9	ADA25980	Ada25980 Human REL
c	15	14	20.9	19	9	ADA26116	Ada26116 Human REL
	16	14	20.9	21	2	AAT12001	Aat12001 CMV antis
	17	14	20.9	21	2	AAT01667	Aat01667 Peptide n
	18	14	20.9	21	2	AAX17918	Aax17918 Anti-CMV
c	19	14	20.9	24	6	ABA98624	Aba98624 Human ATP
c	20	14	20.9	24	6	AAL53841	Aal53841 Human mac
c	21	14	20.9	24	6	ABA95338	Aba95338 Human end
c	22	14	20.9	33	10	ABZ74767	Abz74767 Human ant
c	23	14	20.9	33	10	ABZ74758	Abz74758 Human ant
c	24	14	20.9	43	6	AAD31936	Aad31936 Human bet
c	25	14	20.9	51	4	AAL27795	Aal27795 Human SNP
c	26	14	20.9	61	3	AAC52941	Aac52941 Arabidops
	27	14	20.9	92	2	AAT20402	Aat20402 Human gen
c	28	13	19.4	13	4	ABC96986	Abc96986 Oligonucl
c	29	13	19.4	13	5	ABC68948	Abc68948 Oligonucl
	30	13	19.4	13	5	ABC96987	Abc96987 Oligonucl
	31	13	19.4	13	5	ABC70678	Abc70678 Oligonucl
c	32	13	19.4	13	5	ABC70679	Abc70679 Oligonucl
	33	13	19.4	13	5	ABC68949	Abc68949 Oligonucl
	34	13	19.4	13	5	ABF30830	Abf30830 Oligonucl
c	35	13	19.4	13	5	ABF30831	Abf30831 Oligonucl
	36	13	19.4	15	10	ADE14315	Adel4315 Optineuri
	37	13	19.4	16	2	AAQ20013	Aaq20013 Cross-lin
	38	13	19.4	16	2	AAQ20014	Aaq20014 Cross-lin
c	39	13	19.4	16	10	ADD07167	Add07167 Cytomegal
c	40	13	19.4	17	2	AAX73135	Aax73135 Mouse flk
	41	13	19.4	17	8	ACA08311	Aca08311 Necrosis
	42	13	19.4	18	2	AAQ30241	Aaq30241 Oligomer
	43	13	19.4	18	2	AAQ30242	Aaq30242 Oligomer
	44	13	19.4	19	3	AAA83949	Aaa83949 Cyclin A2
	45	13	19.4	19	3	AAA83947	Aaa83947 Cyclin A2
	46	13	19.4	19	3	AAA83946	Aaa83946 Cyclin A2
	47	13	19.4	19	3	AAA83948	Aaa83948 Cyclin A2
	48	13	19.4	19	5	AAH59110	Aah59110 Cyclin A2
	49	13	19.4	19	5	AAH59108	Aah59108 Cyclin A2
	50	13	19.4	19	5	AAH59111	Aah59111 Cyclin A2
	51	13	19.4	19	5	AAH59109	Aah59109 Cyclin A2
	52	13	19.4	20	3	AAZ74700	Aaz74700 Human bia
	53	13	19.4	20	12	ADJ46651	Adj46651 Human req
c	54	13	19.4	20	12	ADJ46600	Adj46600 Human req
c	55	13	19.4	24	6	ABN86077	Abn86077 Human ery
	56	13	19.4	24	6	ABI85122	Abi85122 Capture o
c	57	13	19.4	24	6	ABI85123	Abi85123 Capture o
c	58	13	19.4	25	5	AAF23862	Aaf23862 Human STS
	59	13	19.4	25	9	ACI39282	AcI39282 Human mic
c	60	13	19.4	25	9	ACI12232	AcI12232 Human mic
c	61	13	19.4	26	6	AAD31940	Aad31940 Human bet
c	62	13	19.4	28	2	AAT39435	Aat39435 Hel-N2 se
c	63	13	19.4	28	2	AAV37453	Aav37453 Human Hel

c	64	13	19.4	33	10	ABZ74761	Abz74761 Human ant
	65	13	19.4	48	2	AAV57560	Aav57560 ICER prom
c	66	13	19.4	50	6	ABZ03216	Abz03216 Human leu
c	67	13	19.4	51	3	ADC17060	Adc17060 Human sin
c	68	13	19.4	51	3	ADC17018	Adc17018 Human sin
	69	13	19.4	51	4	AAH79764	Aah79764 Human DNA
c	70	13	19.4	57	3	AAA40158	Aaa40158 H. pylori
	71	13	19.4	65	6	ABZ28521	Abz28521 Candida g
	72	13	19.4	65	6	ABN56856	Abn56856 Mouse spl
	73	13	19.4	65	12	ADP97816	Adp97816 C. albica
c	74	13	19.4	81	3	AAC15677	Aac15677 Human sec
	75	13	19.4	85	2	AAT00344	Aat00344 Family 3
c	76	13	19.4	90	3	AAC13414	Aac13414 Human sec
c	77	13	19.4	92	3	AAC15879	Aac15879 Human sec
c	78	13	19.4	96	6	AAI68703	Aai68703 Rat prost
c	79	13	19.4	97	6	AAI68709	Aai68709 Rat prost
c	80	13	19.4	99	10	ACD93908	Acd93908 Human col
c	81	13	19.4	100	8	ACD77174	Acd77174 E. coli K
c	82	13	19.4	100	8	ACD70611	Acd70611 E. coli K
c	83	13	19.4	100	8	ACD70612	Acd70612 E. coli K
	84	13	19.4	100	8	ACD69667	Acd69667 E. coli K
	85	12	17.9	12	5	ABI73344	Abi73344 Oligonucl
c	86	12	17.9	12	5	ABI00741	Abi00741 Oligonucl
	87	12	17.9	12	5	ABI11866	Abi11866 Oligonucl
c	88	12	17.9	12	5	ABI21354	Abi21354 Oligonucl
	89	12	17.9	12	5	ABH68155	Abh68155 Oligonucl
c	90	12	17.9	12	5	ABH69065	Abh69065 Oligonucl
	91	12	17.9	12	5	ABI19853	Abi19853 Oligonucl
c	92	12	17.9	12	5	ABH73140	Abh73140 Oligonucl
	93	12	17.9	12	5	ABI56160	Abi56160 Oligonucl
c	94	12	17.9	12	5	ABI19021	Abi19021 Oligonucl
c	95	12	17.9	12	5	ABH80447	Abh80447 Oligonucl
c	96	12	17.9	13	5	ABC79401	Abc79401 Oligonucl
	97	12	17.9	13	5	ABF94820	Abf94820 Oligonucl
c	98	12	17.9	13	5	ABF94821	Abf94821 Oligonucl
c	99	12	17.9	13	5	ABC52087	Abc52087 Oligonucl
	100	12	17.9	13	5	ABC31321	Abc31321 Oligonucl
c	101	12	17.9	13	5	ABH62722	Abh62722 Oligonucl
	102	12	17.9	13	5	ABH62723	Abh62723 Oligonucl
	103	12	17.9	13	5	ABC79400	Abc79400 Oligonucl
c	104	12	17.9	13	5	ABF18742	Abf18742 Oligonucl
c	105	12	17.9	13	5	ABF89302	Abf89302 Oligonucl
	106	12	17.9	13	5	ABH41804	Abh41804 Oligonucl
c	107	12	17.9	13	5	ABH41805	Abh41805 Oligonucl
	108	12	17.9	13	5	ABC92610	Abc92610 Oligonucl
c	109	12	17.9	13	5	ABC07102	Abc07102 Oligonucl
	110	12	17.9	13	5	ABC32500	Abc32500 Oligonucl
	111	12	17.9	13	5	ABF18743	Abf18743 Oligonucl
	112	12	17.9	13	5	ABH64431	Abh64431 Oligonucl
c	113	12	17.9	13	5	ABC31320	Abc31320 Oligonucl
c	114	12	17.9	13	5	ABC32501	Abc32501 Oligonucl
c	115	12	17.9	13	5	ABF21656	Abf21656 Oligonucl
	116	12	17.9	13	5	ABF21657	Abf21657 Oligonucl
c	117	12	17.9	13	5	ABC26024	Abc26024 Oligonucl
	118	12	17.9	13	5	ABC26025	Abc26025 Oligonucl
	119	12	17.9	13	5	ABC52086	Abc52086 Oligonucl
	120	12	17.9	13	5	ABF89303	Abf89303 Oligonucl

c 121	12	17.9	13	5	ABC92611	Abc92611	Oligonucl
c 122	12	17.9	13	5	ABH64430	Abh64430	Oligonucl
123	12	17.9	13	5	ABC07103	Abc07103	Oligonucl
124	12	17.9	16	2	AAQ20015	Aaq20015	Cross-lin
125	12	17.9	16	2	AAQ20016	Aaq20016	Cross-lin
126	12	17.9	16	10	ADD07189	Add07189	HSV-1 (17
c 127	12	17.9	17	6	AAD31941	Aad31941	Plasmodiu
128	12	17.9	17	8	ACA08312	Aca08312	Necrosis
129	12	17.9	18	2	AAQ30243	Aaq30243	Oligomer
130	12	17.9	18	2	AAQ30234	Aaq30234	Oligomer
131	12	17.9	18	2	AAQ30244	Aaq30244	Oligomer
132	12	17.9	18	2	AAQ30233	Aaq30233	Oligomer
133	12	17.9	18	2	AAV27777	Aav27777	Monamine
134	12	17.9	19	3	AAA83945	Aaa83945	Cyclin A2
135	12	17.9	19	5	AAH59107	Aah59107	Cyclin A2
136	12	17.9	20	2	AAV22481	Aav22481	Antisense
137	12	17.9	20	2	AAX93801	Aax93801	PCR prime
c 138	12	17.9	20	2	AAX02744	Aax02744	S. aureus
139	12	17.9	20	3	AAA90711	Aaa90711	Ribonucle
140	12	17.9	20	12	ADO48328	Ado48328	Human PAK
c 141	12	17.9	20	12	ADO48260	Ado48260	Human p21
142	12	17.9	21	2	AAT25132	Aat25132	Human gen
c 143	12	17.9	22	2	AAT39451	Aat39451	Hel-N1 se
c 144	12	17.9	22	2	AAV37469	Aav37469	Human Hel
c 145	12	17.9	22	6	ADA43383	Ada43383	Human ast
c 146	12	17.9	22	6	ABA98947	Aba98947	Human ast
c 147	12	17.9	22	8	ABX14613	Abx14613	B. anthra
148	12	17.9	24	4	AAI64564	Aai64564	Human pol
c 149	12	17.9	24	5	AAH55972	Aah55972	Human SCN
c 150	12	17.9	24	6	ABQ78820	Abq78820	Motor neu
c 151	12	17.9	24	6	ABL61081	Abl61081	Pterin Mo
152	12	17.9	24	6	ABV73595	Abv73595	Human tyr
c 153	12	17.9	24	6	ABK48222	Abk48222	Human mit
c 154	12	17.9	24	8	ABX12595	Abx12595	Dihydropy
c 155	12	17.9	24	9	ACC84795	Acc84795	SIV pol g
c 156	12	17.9	24	10	ADE14316	Ade14316	Optineuri
157	12	17.9	25	6	ADA43433	Ada43433	Human ast
158	12	17.9	25	6	ABA98997	Aba98997	Human ast
159	12	17.9	25	9	ACK00268	Ack00268	Human mic
160	12	17.9	25	9	ACK00400	Ack00400	Human mic
c 161	12	17.9	25	9	ACK09883	Ack09883	Human mic
c 162	12	17.9	25	9	ACI09094	Aci09094	Human mic
c 163	12	17.9	25	9	ACI12233	Aci12233	Human mic
164	12	17.9	25	9	ACI51552	Aci51552	Human mic
c 165	12	17.9	25	9	ACK09882	Ack09882	Human mic
166	12	17.9	25	9	ACI11473	Aci11473	Human mic
167	12	17.9	25	9	ACK14548	Ack14548	Human mic
c 168	12	17.9	26	2	AAT79892	Aat79892	Anti-Fact
c 169	12	17.9	26	2	AAX10061	Aax10061	Human bia
170	12	17.9	26	2	AAX25398	Aax25398	Human com
171	12	17.9	26	3	ABK11947	Abk11947	Mutant Gr
172	12	17.9	26	3	AAA08561	Aaa08561	3' primer
c 173	12	17.9	26	6	ABK23991	Abk23991	Synthetic
c 174	12	17.9	27	4	ABK52298	Abk52298	Human D-c
c 175	12	17.9	27	4	AAH38225	Aah38225	SNP speci
c 176	12	17.9	28	3	ABK11946	Abk11946	Mutant Gr
177	12	17.9	29	2	AAV51870	Aav51870	Zea mays

c 178	12	17.9	29	5	AAH43088	Aah43088	PCR prime
c 179	12	17.9	30	2	AAT77384	Aat77384	Anti-Fact
c 180	12	17.9	30	6	ABK23944	Abk23944	Human ant
181	12	17.9	30	6	ABX69948	Abx69948	Novel Hel
182	12	17.9	31	4	AAI29616	Aai29616	Human sin
c 183	12	17.9	31	4	AAC84832	Aac84832	399Forwar
184	12	17.9	31	5	AAF76703	Aaf76703	Human PTP
185	12	17.9	32	10	ADK71224	Adk71224	Drug-tole
186	12	17.9	32	12	ADJ93601	Adj93601	16s rDNA
c 187	12	17.9	33	6	AAI72664	Aai72664	Human NAD
c 188	12	17.9	33	8	ABX11646	Abx11646	Human ubi
c 189	12	17.9	33	10	ADC49266	Adc49266	Tobacco a
c 190	12	17.9	33	10	ABZ74755	Abz74755	Human ant
c 191	12	17.9	37	12	ADO39750	Ado39750	Cowan I p
192	12	17.9	39	6	ABS71810	Abs71810	Full-leng
193	12	17.9	39	6	ABS71812	Abs71812	Full-leng
c 194	12	17.9	39	6	ABA51689	Aba51689	Staphyloc
c 195	12	17.9	39	10	ABZ74770	Abz74770	Human ant
196	12	17.9	40	8	ABT32683	Abt32683	Microbial
c 197	12	17.9	40	10	ADD24537	Add24537	DNA polym
c 198	12	17.9	41	6	ABZ47557	Abz47557	Human ATP
c 199	12	17.9	41	8	ABX11648	Abx11648	Human ubi
200	12	17.9	43	6	ABZ27005	Abz27005	Candida e
c 201	12	17.9	45	2	AAT26019	Aat26019	Human gen
202	12	17.9	46	2	AAT25577	Aat25577	Human gen
c 203	12	17.9	47	3	AAZ65992	Aaz65992	Human map
c 204	12	17.9	47	3	AAZ68509	Aaz68509	Human map
205	12	17.9	47	3	AAZ65729	Aaz65729	Human map
c 206	12	17.9	50	4	AAF60828	Aaf60828	GPR10/UHR
207	12	17.9	50	6	ABZ02686	Abz02686	Human leu
208	12	17.9	50	6	ABZ07964	Abz07964	Human leu
209	12	17.9	50	10	ADG84355	Adg84355	Human TMD
210	12	17.9	51	4	AAL29453	Aal29453	Human SNP
c 211	12	17.9	51	4	AAL32410	Aal32410	Human SNP
c 212	12	17.9	51	4	AAL30403	Aal30403	Human SNP
c 213	12	17.9	51	4	AAI73450	Aai73450	Human sil
214	12	17.9	51	4	AAI77332	Aai77332	Human sil
c 215	12	17.9	51	4	AAI73451	Aai73451	Human sil
216	12	17.9	51	4	AAH90682	Aah90682	Human clo
217	12	17.9	51	4	AAH90681	Aah90681	Human clo
c 218	12	17.9	51	4	AAH90681	Aah90681	Human clo
c 219	12	17.9	52	2	AAV76383	Aav76383	Staphyloc
c 220	12	17.9	55	4	AAH36887	Aah36887	Human col
221	12	17.9	59	4	AAH72116	Aah72116	Human cer
222	12	17.9	60	6	ABN46638	Abn46638	Human spl
223	12	17.9	60	6	ABN35097	Abn35097	Human spl
224	12	17.9	60	6	ABN34614	Abn34614	Human spl
225	12	17.9	65	2	AAT24151	Aat24151	Human gen
c 226	12	17.9	65	6	ABZ28731	Abz28731	Candida g
227	12	17.9	65	6	ABZ29017	Abz29017	Candida g
c 228	12	17.9	65	6	ABZ29397	Abz29397	Candida g
c 229	12	17.9	65	6	AAI68715	Aai68715	Rat prost
230	12	17.9	65	12	ADP97295	Adp97295	C. albica
231	12	17.9	67	2	AAT23215	Aat23215	Human gen
c 232	12	17.9	67	5	AAC92406	Aac92406	Oligonucl
233	12	17.9	68	4	AAH36403	Aah36403	Human col
234	12	17.9	70	10	ACF57738	Acf57738	SeINPV no

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235	12	17.9	72	12	ADG99589	Adg99589 Kidney di
c 236	12	17.9	76	2	AAT23172	Aat23172 Human gen
c 237	12	17.9	76	4	AAH46607	Aah46607 Synthetic
c 238	12	17.9	77	6	AAI68714	Aai68714 Rat prost
239	12	17.9	83	4	AAF55879	Aaf55879 Linker #4
240	12	17.9	84	10	ADD44485	Add44485 DNA of an
c 241	12	17.9	86	6	ABK23988	Abk23988 Synthetic
242	12	17.9	87	5	AAF25142	Aaf25142 Sequence
243	12	17.9	87	5	AAF25141	Aaf25141 Sequence
244	12	17.9	90	2	AAX35537	Aax35537 DNA encod
245	12	17.9	90	3	AAC12396	Aac12396 Human sec
246	12	17.9	90	4	AAD14872	Aad14872 Mouse F-b
247	12	17.9	90	6	ABN66866	Abn66866 Streptoco
248	12	17.9	90	10	AAD60312	Aad60312 Mouse F-b
c 249	12	17.9	91	6	ABK23941	Abk23941 Human ant
250	12	17.9	93	6	ABQ81922	Abq81922 Kaposi's
c 251	12	17.9	93	6	AAI68708	Aai68708 Rat prost
252	12	17.9	93	10	ADC13407	Adc13407 Kaposi's
c 253	12	17.9	95	6	AAI68707	Aai68707 Rat prost
c 254	12	17.9	95	6	AAI68719	Aai68719 Rat prost
c 255	12	17.9	95	6	AAI68718	Aai68718 Rat prost
c 256	12	17.9	96	4	AAS07052	Aas07052 DNA encod
c 257	12	17.9	96	6	AAI68704	Aai68704 Rat prost
c 258	12	17.9	96	10	ABZ42000	Abz42000 N. gonorr
c 259	12	17.9	98	6	AAI68706	Aai68706 Rat prost
c 260	12	17.9	99	10	ADD33594	Add33594 Mouse mit
261	12	17.9	100	8	ACD79201	Acd79201 E. coli K
c 262	12	17.9	100	8	ACD78659	Acd78659 E. coli K
263	12	17.9	100	8	ACD75083	Acd75083 E. coli K
c 264	12	17.9	100	8	ACD77173	Acd77173 E. coli K
265	12	17.9	100	8	ACD75082	Acd75082 E. coli K
266	12	17.9	100	8	ACD81524	Acd81524 E. coli K
c 267	12	17.9	100	10	ABX61314	Abx61314 Arabidops
268	11	16.4	11	12	ADQ35775	Adq35775 Human hai
c 269	11	16.4	12	5	ABI40776	Abi40776 Oligonucl
c 270	11	16.4	12	5	ABI58177	Abi58177 Oligonucl
271	11	16.4	12	5	ABI02739	Abi02739 Oligonucl
c 272	11	16.4	12	5	ABI37639	Abi37639 Oligonucl
c 273	11	16.4	12	5	ABI81707	Abi81707 Oligonucl
c 274	11	16.4	12	5	ABH93074	Abh93074 Oligonucl
c 275	11	16.4	12	5	ABH68206	Abh68206 Oligonucl
276	11	16.4	12	5	ABH74902	Abh74902 Oligonucl
c 277	11	16.4	12	5	ABH75872	Abh75872 Oligonucl
278	11	16.4	12	5	ABH75873	Abh75873 Oligonucl
c 279	11	16.4	12	5	ABI01511	Abi01511 Oligonucl
280	11	16.4	12	5	ABH77297	Abh77297 Oligonucl
281	11	16.4	12	5	ABI32155	Abi32155 Oligonucl
c 282	11	16.4	12	5	ABI51945	Abi51945 Oligonucl
c 283	11	16.4	12	5	ABI79585	Abi79585 Oligonucl
c 284	11	16.4	12	5	ABH67658	Abh67658 Oligonucl
285	11	16.4	12	5	ABI55356	Abi55356 Oligonucl
c 286	11	16.4	12	5	ABI34679	Abi34679 Oligonucl
c 287	11	16.4	12	5	ABH91710	Abh91710 Oligonucl
288	11	16.4	12	5	ABI12160	Abi12160 Oligonucl
c 289	11	16.4	12	5	ABI58694	Abi58694 Oligonucl
290	11	16.4	12	5	ABI74689	Abi74689 Oligonucl
c 291	11	16.4	12	5	ABH72721	Abh72721 Oligonucl

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c 292	11	16.4	12	5	ABH73952	Abh73952	Oligonucl
c 293	11	16.4	12	5	ABI09637	Abi09637	Oligonucl
294	11	16.4	12	5	ABI50125	Abi50125	Oligonucl
c 295	11	16.4	12	5	ABI73471	Abi73471	Oligonucl
296	11	16.4	12	5	ABI73818	Abi73818	Oligonucl
297	11	16.4	12	5	ABI04075	Abi04075	Oligonucl
298	11	16.4	12	5	ABI08363	Abi08363	Oligonucl
c 299	11	16.4	12	5	ABI36143	Abi36143	Oligonucl
300	11	16.4	12	5	ABI48912	Abi48912	Oligonucl
301	11	16.4	12	5	ABI49046	Abi49046	Oligonucl
c 302	11	16.4	12	5	ABI77698	Abi77698	Oligonucl
303	11	16.4	12	5	ABI00846	Abi00846	Oligonucl
304	11	16.4	12	5	ABI65512	Abi65512	Oligonucl
c 305	11	16.4	12	5	ABI25011	Abi25011	Oligonucl
306	11	16.4	12	5	ABI03813	Abi03813	Oligonucl
c 307	11	16.4	12	5	ABH87792	Abh87792	Oligonucl
308	11	16.4	12	5	ABI67665	Abi67665	Oligonucl
c 309	11	16.4	12	5	ABI71752	Abi71752	Oligonucl
310	11	16.4	12	5	ABI17764	Abi17764	Oligonucl
311	11	16.4	12	5	ABI43146	Abi43146	Oligonucl
312	11	16.4	12	5	ABH87272	Abh87272	Oligonucl
c 313	11	16.4	12	5	ABI42604	Abi42604	Oligonucl
314	11	16.4	12	5	ABI71900	Abi71900	Oligonucl
c 315	11	16.4	12	5	ABI01517	Abi01517	Oligonucl
316	11	16.4	12	5	ABI26818	Abi26818	Oligonucl
c 317	11	16.4	12	5	ABI69185	Abi69185	Oligonucl
318	11	16.4	13	4	ABC19279	Abc19279	Oligonucl
c 319	11	16.4	13	4	ABC71503	Abc71503	Oligonucl
c 320	11	16.4	13	4	ABC98382	Abc98382	Oligonucl
321	11	16.4	13	5	ABF09772	Abf09772	Oligonucl
c 322	11	16.4	13	5	ABC36124	Abc36124	Oligonucl
c 323	11	16.4	13	5	ABF22414	Abf22414	Oligonucl
c 324	11	16.4	13	5	ABF36672	Abf36672	Oligonucl
325	11	16.4	13	5	ABF95527	Abf95527	Oligonucl
c 326	11	16.4	13	5	ABF45746	Abf45746	Oligonucl
c 327	11	16.4	13	5	ABF99609	Abf99609	Oligonucl
328	11	16.4	13	5	ABH27545	Abh27545	Oligonucl
329	11	16.4	13	5	ABF58782	Abf58782	Oligonucl
c 330	11	16.4	13	5	ABF58783	Abf58783	Oligonucl
c 331	11	16.4	13	5	ABC67866	Abc67866	Oligonucl
c 332	11	16.4	13	5	ABC66776	Abc66776	Oligonucl
c 333	11	16.4	13	5	ABF95526	Abf95526	Oligonucl
334	11	16.4	13	5	ABH02981	Abh02981	Oligonucl
335	11	16.4	13	5	ABH31924	Abh31924	Oligonucl
c 336	11	16.4	13	5	ABH33837	Abh33837	Oligonucl
337	11	16.4	13	5	ABC98383	Abc98383	Oligonucl
c 338	11	16.4	13	5	ABF44552	Abf44552	Oligonucl
339	11	16.4	13	5	ABF44553	Abf44553	Oligonucl
c 340	11	16.4	13	5	ABF47252	Abf47252	Oligonucl
341	11	16.4	13	5	ABH48491	Abh48491	Oligonucl
c 342	11	16.4	13	5	ABH62227	Abh62227	Oligonucl
343	11	16.4	13	5	ABC00801	Abc00801	Oligonucl
344	11	16.4	13	5	ABF14413	Abf14413	Oligonucl
345	11	16.4	13	5	ABF15938	Abf15938	Oligonucl
346	11	16.4	13	5	ABF47925	Abf47925	Oligonucl
347	11	16.4	13	5	ABF59197	Abf59197	Oligonucl
c 348	11	16.4	13	5	ABH14964	Abh14964	Oligonucl

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c 349	11	16.4	13	5	ABF07569	Abf07569	Oligonucle
c 350	11	16.4	13	5	ABF08991	Abf08991	Oligonucle
c 351	11	16.4	13	5	ABC14866	Abc14866	Oligonucle
352	11	16.4	13	5	ABC14867	Abc14867	Oligonucle
c 353	11	16.4	13	5	ABF47256	Abf47256	Oligonucle
c 354	11	16.4	13	5	ABF47924	Abf47924	Oligonucle
355	11	16.4	13	5	ABC45428	Abc45428	Oligonucle
356	11	16.4	13	5	ABC46273	Abc46273	Oligonucle
357	11	16.4	13	5	ABC04016	Abc04016	Oligonucle
c 358	11	16.4	13	5	ABC04017	Abc04017	Oligonucle
c 359	11	16.4	13	5	ABC07679	Abc07679	Oligonucle
c 360	11	16.4	13	5	ABF09773	Abf09773	Oligonucle
361	11	16.4	13	5	ABC36125	Abc36125	Oligonucle
362	11	16.4	13	5	ABC62461	Abc62461	Oligonucle
363	11	16.4	13	5	ABF22415	Abf22415	Oligonucle
c 364	11	16.4	13	5	ABF94080	Abf94080	Oligonucle
c 365	11	16.4	13	5	ABF46377	Abf46377	Oligonucle
c 366	11	16.4	13	5	ABH02980	Abh02980	Oligonucle
367	11	16.4	13	5	ABC56792	Abc56792	Oligonucle
c 368	11	16.4	13	5	ABC87660	Abc87660	Oligonucle
369	11	16.4	13	5	ABC87661	Abc87661	Oligonucle
c 370	11	16.4	13	5	ABC88102	Abc88102	Oligonucle
c 371	11	16.4	13	5	ABF26979	Abf26979	Oligonucle
c 372	11	16.4	13	5	ABH45017	Abh45017	Oligonucle
373	11	16.4	13	5	ABH45041	Abh45041	Oligonucle
374	11	16.4	13	5	ABC67867	Abc67867	Oligonucle
c 375	11	16.4	13	5	ABC56793	Abc56793	Oligonucle
376	11	16.4	13	5	ABF10538	Abf10538	Oligonucle
c 377	11	16.4	13	5	ABF98298	Abf98298	Oligonucle
378	11	16.4	13	5	ABF98299	Abf98299	Oligonucle
c 379	11	16.4	13	5	ABH45040	Abh45040	Oligonucle
c 380	11	16.4	13	5	ABC00800	Abc00800	Oligonucle
381	11	16.4	13	5	ABF07568	Abf07568	Oligonucle
382	11	16.4	13	5	ABC66300	Abc66300	Oligonucle
c 383	11	16.4	13	5	ABC92240	Abc92240	Oligonucle
384	11	16.4	13	5	ABF47257	Abf47257	Oligonucle
385	11	16.4	13	5	ABH33836	Abh33836	Oligonucle
c 386	11	16.4	13	5	ABF59196	Abf59196	Oligonucle
c 387	11	16.4	13	5	ABH46163	Abh46163	Oligonucle
c 388	11	16.4	13	5	ABC46272	Abc46272	Oligonucle
389	11	16.4	13	5	ABC23175	Abc23175	Oligonucle
c 390	11	16.4	13	5	ABC99060	Abc99060	Oligonucle
391	11	16.4	13	5	ABC49204	Abc49204	Oligonucle
c 392	11	16.4	13	5	ABF10539	Abf10539	Oligonucle
c 393	11	16.4	13	5	ABF15939	Abf15939	Oligonucle
c 394	11	16.4	13	5	ABC66301	Abc66301	Oligonucle
395	11	16.4	13	5	ABF47253	Abf47253	Oligonucle
396	11	16.4	13	5	ABF48259	Abf48259	Oligonucle
397	11	16.4	13	5	ABH14965	Abh14965	Oligonucle
c 398	11	16.4	13	5	ABF91637	Abf91637	Oligonucle
c 399	11	16.4	13	5	ABH47788	Abh47788	Oligonucle
c 400	11	16.4	13	5	ABC19278	Abc19278	Oligonucle
c 401	11	16.4	13	5	ABF05102	Abf05102	Oligonucle
402	11	16.4	13	5	ABF05103	Abf05103	Oligonucle
403	11	16.4	13	5	ABF08990	Abf08990	Oligonucle
404	11	16.4	13	5	ABC92241	Abc92241	Oligonucle
405	11	16.4	13	5	ABF99608	Abf99608	Oligonucle

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406	11	16.4	13	5	ABF91636	Abf91636	Olig nucl
407	11	16.4	13	5	ABH46162	Abh46162	Olig nucl
408	11	16.4	13	5	ABC87665	Abc87665	Olig nucl
409	11	16.4	13	5	ABC66777	Abc66777	Olig nucl
410	11	16.4	13	5	ABH19064	Abh19064	Olig nucl
c 411	11	16.4	13	5	ABF73974	Abf73974	Olig nucl
412	11	16.4	13	5	ABH45016	Abh45016	Olig nucl
c 413	11	16.4	13	5	ABH48490	Abh48490	Olig nucl
c 414	11	16.4	13	5	ABH57103	Abh57103	Olig nucl
415	11	16.4	13	5	ABC99061	Abc99061	Olig nucl
c 416	11	16.4	13	5	ABC03257	Abc03257	Olig nucl
c 417	11	16.4	13	5	ABC36114	Abc36114	Olig nucl
418	11	16.4	13	5	ABC36115	Abc36115	Olig nucl
c 419	11	16.4	13	5	ABC87664	Abc87664	Olig nucl
420	11	16.4	13	5	ABF73975	Abf73975	Olig nucl
421	11	16.4	13	5	ABH47789	Abh47789	Olig nucl
422	11	16.4	13	5	ABH62226	Abh62226	Olig nucl
423	11	16.4	13	5	ABC71502	Abc71502	Olig nucl
c 424	11	16.4	13	5	ABC62460	Abc62460	Olig nucl
425	11	16.4	13	5	ABC88103	Abc88103	Olig nucl
c 426	11	16.4	13	5	ABF48258	Abf48258	Olig nucl
c 427	11	16.4	13	5	ABH27544	Abh27544	Olig nucl
c 428	11	16.4	13	5	ABC45429	Abc45429	Olig nucl
c 429	11	16.4	13	5	ABC23174	Abc23174	Olig nucl
c 430	11	16.4	13	5	ABC49205	Abc49205	Olig nucl
431	11	16.4	13	5	ABC03256	Abc03256	Olig nucl
432	11	16.4	13	5	ABF26978	Abf26978	Olig nucl
433	11	16.4	13	5	ABH57102	Abh57102	Olig nucl
434	11	16.4	13	5	ABC07678	Abc07678	Olig nucl
c 435	11	16.4	13	5	ABF14412	Abf14412	Olig nucl
436	11	16.4	13	5	ABF36673	Abf36673	Olig nucl
c 437	11	16.4	13	5	ABH19065	Abh19065	Olig nucl
438	11	16.4	13	5	ABF94081	Abf94081	Olig nucl
439	11	16.4	13	5	ABF45747	Abf45747	Olig nucl
440	11	16.4	13	5	ABF46376	Abf46376	Olig nucl
c 441	11	16.4	13	5	ABH31925	Abh31925	Olig nucl
c 442	11	16.4	15	2	AAT37629	Aat37629	Apo(a) mR
c 443	11	16.4	15	2	AAT37627	Aat37627	Apo(a) mR
c 444	11	16.4	15	6	ABS51925	Abs51925	Human FMO
c 445	11	16.4	15	6	ABL45746	Ab145746	Human MMP
c 446	11	16.4	15	12	ADH50452	Adh50452	Bacterial
c 447	11	16.4	16	10	ADD07203	Add07203	Zoster vi
448	11	16.4	16	10	ADD07248	Add07248	HSV-1 (17
449	11	16.4	17	4	ABK00194	Abk00194	Human NOG
450	11	16.4	17	4	ABK00195	Abk00195	Human NOG
451	11	16.4	17	4	ABK02155	Abk02155	Human NOG
452	11	16.4	17	4	ABK00193	Abk00193	Human NOG
453	11	16.4	17	4	ABK01900	Abk01900	Human NOG
454	11	16.4	17	6	ABK56393	Abk56393	Human CLC
455	11	16.4	17	6	ABK57327	Abk57327	Human CLC
456	11	16.4	17	6	ABK57118	Abk57118	Human CLC
457	11	16.4	17	8	ABZ60809	Abz60809	Human K-R
458	11	16.4	17	8	ABZ60810	Abz60810	Human K-R
459	11	16.4	17	8	ABZ60808	Abz60808	Human K-R
460	11	16.4	17	10	ADE31036	Ade31036	Cholesterol
461	11	16.4	17	10	ADI52256	Adi52256	Human tum
c 462	11	16.4	17	10	ACC54484	Acc54484	Human tum

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463	11	16.4	18	2	AAQ30236	Aaq30236 Oligomer
464	11	16.4	18	2	AAQ30235	Aaq30235 Oligomer
c 465	11	16.4	18	6	ABK12798	Abk12798 Isolation
466	11	16.4	18	6	AAI68723	Aai68723 Rat prost
467	11	16.4	19	2	AAQ89909	Aaq89909 Cystic fi
c 468	11	16.4	19	3	AAZ74444	Aaz74444 Human bia
469	11	16.4	19	3	AAZ69875	Aaz69875 Human bia
c 470	11	16.4	19	10	ADE29702	Ade29702 Mitogen a
471	11	16.4	19	10	ADE29539	Ade29539 Mitogen a
472	11	16.4	19	10	ADF74684	Adf74684 Rat Subst
473	11	16.4	19	10	ADF78381	Adf78381 Chromosom
474	11	16.4	19	10	ADH53186	Adh53186 Human APC
c 475	11	16.4	20	2	AAT71798	Aat71798 K-ras pos
c 476	11	16.4	20	2	AAV37680	Aav37680 Allelic v
477	11	16.4	20	2	AAZ04100	Aaz04100 PCR prime
c 478	11	16.4	20	2	AAx94883	Aax94883 PCR prime
479	11	16.4	20	3	AAA94488	Aaa94488 Antisense
480	11	16.4	20	3	AAA94486	Aaa94486 Antisense
481	11	16.4	20	3	AAA94487	Aaa94487 Antisense
482	11	16.4	20	3	AAZ70480	Aaz70480 Human bia
c 483	11	16.4	20	3	AAA11842	Aaa11842 Human MDM
484	11	16.4	20	3	AAZ44552	Aaz44552 Newcastle
485	11	16.4	20	4	AAC92812	Aac92812 Human hnR
c 486	11	16.4	20	5	AAH22128	Aah22128 Human euk
c 487	11	16.4	20	5	AAF56419	Aaf56419 Neisseria
c 488	11	16.4	20	5	AAH46835	Aah46835 Nucleotid
c 489	11	16.4	20	6	ABK37085	Abk37085 Human lys
490	11	16.4	20	6	AAD37174	Aad37174 Human MEK
491	11	16.4	20	6	ABT13886	Abt13886 Human hel
c 492	11	16.4	20	6	ABK68955	Abk68955 Human pho
c 493	11	16.4	20	6	ABQ80586	Abq80586 PCR prime
494	11	16.4	20	6	ABI94762	Abi94762 Capture o
c 495	11	16.4	20	8	AAD55876	Aad55876 Human myo
496	11	16.4	20	8	AAD52994	Aad52994 Bacteriop
497	11	16.4	20	8	ACC49195	Acc49195 Human rib
498	11	16.4	20	9	ABZ81562	Abz81562 PKA regul
499	11	16.4	20	9	ABZ81561	Abz81561 PKA regul
c 500	11	16.4	20	10	ADC98440	Adc98440 K15601 po
501	11	16.4	20	10	ABZ88729	Abz88729 Human oli
502	11	16.4	20	10	ABZ88730	Abz88730 Human oli
503	11	16.4	20	11	ADN60091	Adn60091 Human hel
504	11	16.4	20	11	ABD24959	Abd24959 AIT8216-
505	11	16.4	20	11	ABD24960	Abd24960 AIT8216-
c 506	11	16.4	20	12	ADG20559	Adg20559 RNASEL ge
507	11	16.4	20	12	ADJ84965	Adj84965 Nucleic a
c 508	11	16.4	20	12	ADK74119	Adk74119 Chimeric
c 509	11	16.4	20	12	ADK73636	Adk73636 Chimeric
c 510	11	16.4	20	12	ADK73872	Adk73872 Chimeric
c 511	11	16.4	20	12	ADK75820	Adk75820 Chimeric
c 512	11	16.4	20	12	ADK74298	Adk74298 Chimeric
c 513	11	16.4	20	12	ADK74524	Adk74524 Chimeric
c 514	11	16.4	20	12	ADK73585	Adk73585 Chimeric
c 515	11	16.4	20	12	ADK73662	Adk73662 Chimeric
c 516	11	16.4	20	12	ADK73729	Adk73729 Chimeric
c 517	11	16.4	20	12	ADK77465	Adk77465 Chimeric
518	11	16.4	20	12	ADP78639	Adp78639 Chimeric
519	11	16.4	20	12	ADP78774	Adp78774 Chimeric

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520	11	16.4	20	12	ADP78404	Adp78404 Chimeric
521	11	16.4	20	12	ADP78538	Adp78538 Chimeric
522	11	16.4	20	12	ADP78828	Adp78828 Chimeric
523	11	16.4	20	12	ADP79184	Adp79184 Chimeric
524	11	16.4	20	12	ADP79161	Adp79161 Chimeric
525	11	16.4	20	12	ADP78553	Adp78553 Chimeric
526	11	16.4	20	12	ADP78678	Adp78678 Chimeric
527	11	16.4	20	12	ADP78651	Adp78651 Chimeric
c 528	11	16.4	20	12	ADO25037	Ado25037 Mouse che
529	11	16.4	20	12	ADN75011	Adn75011 Human hyp
530	11	16.4	20	12	ADP81805	Adp81805 Human MD-
531	11	16.4	20	12	ADP09750	Adp09750 Bacteriop
532	11	16.4	20	12	ADP09766	Adp09766 Bacteriop
c 533	11	16.4	21	2	AAX09150	Aax09150 Human bia
c 534	11	16.4	21	2	AAX99267	Aax99267 Nucleotid
535	11	16.4	21	3	Aaz74781	Aaz74781 Human bia
c 536	11	16.4	21	3	Aaz74845	Aaz74845 Human bia
537	11	16.4	21	3	AAA95575	Aaa95575 TCR Valph
538	11	16.4	21	3	AAA62945	Aaa62945 Antisense
539	11	16.4	21	3	AAA99080	Aaa99080 CPD last
540	11	16.4	21	9	ACA60928	Aca60928 Caenorhab
c 541	11	16.4	21	10	ABZ74740	Abz74740 Human ant
542	11	16.4	21	12	ADN07134	Adn07134 A. fumiga
c 543	11	16.4	22	3	AAZ36522	Aaz36522 Probe hyb
c 544	11	16.4	22	6	ABA94553	Aba94553 Mycosphae
c 545	11	16.4	22	6	ABA94554	Aba94554 Mycosphae
c 546	11	16.4	22	10	ADD01389	Add01389 Human TCH
547	11	16.4	22	10	ADJ94566	Adj94566 Aspergill
548	11	16.4	22	12	ADN07121	Adn07121 A. fumiga
549	11	16.4	22	12	ADN08126	Adn08126 Spay-leg
550	11	16.4	22	12	ADN08101	Adn08101 Spay-leg
551	11	16.4	23	2	AAV01264	Aav01264 Pyruvate
552	11	16.4	23	2	AAV53297	Aav53297 ODC gene
c 553	11	16.4	23	6	ABL59275	Abl59275 PCR prime
c 554	11	16.4	23	6	ABL44354	Abl44354 Human chr
c 555	11	16.4	23	8	AAD53350	Aad53350 Forward p
556	11	16.4	23	8	ACC70849	Acc70849 Human G-p
c 557	11	16.4	23	9	ACD27419	Acd27419 Human CLC
558	11	16.4	23	9	ADB80915	Adb80915 Anoxia
559	11	16.4	23	10	ADC84307	Adc84307 Human pap
560	11	16.4	23	10	ADC84362	Adc84362 Human pap
561	11	16.4	23	10	ADF44209	Adf44209 HPV 82 de
562	11	16.4	23	10	ADF44264	Adf44264 HPV MM4 d
563	11	16.4	23	10	ADG37243	Adg37243 Human G-p
564	11	16.4	23	12	ADP80738	Adp80738 Staphyloc
c 565	11	16.4	24	2	AAT39413	Aat39413 Helicase
c 566	11	16.4	24	2	AAV37430	Aav37430 Human Hel
567	11	16.4	24	2	AAX36684	Aax36684 PCR prime
c 568	11	16.4	24	4	AAH77636	Aah77636 Mouse sol
c 569	11	16.4	24	6	AAD27692	Aad27692 Mouse Skp
570	11	16.4	24	6	AAD27693	Aad27693 Mouse Skp
c 571	11	16.4	24	6	ABL49786	Abl49786 Human Kaz
c 572	11	16.4	24	6	ABA03004	Aba03004 Human zin
c 573	11	16.4	24	6	ABQ77557	Abq77557 Human pro
c 574	11	16.4	24	6	AAS19355	Aas19355 Human gap
c 575	11	16.4	24	6	ABL55647	Abl55647 Human CD6
576	11	16.4	24	6	ABK90834	Abk90834 Human ute

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577	11	16.4	24	6	ABA90681	Aba90681	Lactococc
c 578	11	16.4	24	6	ABL53936	Abl53936	Human MYB
c 579	11	16.4	24	6	ABZ69710	Abz69710	Human sul
c 580	11	16.4	24	6	ABA03789	Aba03789	Human per
c 581	11	16.4	24	6	AAL51672	Aal51672	Signal pe
c 582	11	16.4	24	6	ABL01787	Abl01787	Human MSH
583	11	16.4	24	6	ABA92713	Aba92713	Rice leaf
584	11	16.4	24	6	ABI86094	Abi86094	Capture o
c 585	11	16.4	24	6	ABI86095	Abi86095	Capture o
586	11	16.4	24	6	ABA05531	Aba05531	Molecular
c 587	11	16.4	24	10	ABZ25097	Abz25097	Arginase
588	11	16.4	24	10	ACA58254	Aca58254	Human fam
589	11	16.4	24	12	ADI35131	Adi35131	Human PLA
590	11	16.4	24	12	ADJ10032	Adj10032	Antisense
c 591	11	16.4	24	12	ADP10751	Adp10751	Set 1 lef
592	11	16.4	24	12	ADP80740	Adp80740	Staphyloc
593	11	16.4	24	12	ADP80741	Adp80741	Staphyloc
c 594	11	16.4	25	2	AAT73204	Aat73204	HIV-1 rev
c 595	11	16.4	25	2	AAQ98423	Aaq98423	Primer 3p
c 596	11	16.4	25	2	AAQ89180	Aaq89180	VEGF RNA
c 597	11	16.4	25	2	AAT65433	Aat65433	Platelet
c 598	11	16.4	25	2	AAX87002	Aax87002	Primer 3N
599	11	16.4	25	3	AAZ36934	Aaz36934	PCR prime
600	11	16.4	25	3	AAZ76883	Aaz76883	Human bia
c 601	11	16.4	25	3	AAA66489	Aaa66489	Dog genom
602	11	16.4	25	4	AAH45199	Aah45199	PCR prime
c 603	11	16.4	25	6	ABK47180	Abk47180	Human cal
604	11	16.4	25	8	ABZ23026	Abz23026	Sindbis v
605	11	16.4	25	9	ACI89444	Aci89444	Human mic
606	11	16.4	25	9	ACI21748	Aci21748	Human mic
c 607	11	16.4	25	9	ACI30177	Aci30177	Human mic
608	11	16.4	25	9	ACI89445	Aci89445	Human mic
c 609	11	16.4	25	9	ACI15169	Aci15169	Human mic
610	11	16.4	25	9	ACI17180	Aci17180	Human mic
c 611	11	16.4	25	9	ACK25876	Ack25876	Human mic
c 612	11	16.4	25	9	ACI28938	Aci28938	Human mic
613	11	16.4	25	9	ACK22077	Ack22077	Human mic
c 614	11	16.4	25	9	ACI63142	Aci63142	Human mic
615	11	16.4	25	9	ACI33802	Aci33802	Human mic
616	11	16.4	25	9	ACI12211	Aci12211	Human mic
617	11	16.4	25	9	ACI03615	Aci03615	Human mic
618	11	16.4	25	9	ACI41319	Aci41319	Human mic
c 619	11	16.4	25	9	ACK02798	Ack02798	Human mic
c 620	11	16.4	25	9	ACI28939	Aci28939	Human mic
c 621	11	16.4	25	9	ACI30807	Aci30807	Human mic
622	11	16.4	25	9	ACI47726	Aci47726	Human mic
623	11	16.4	25	9	ACI98687	Aci98687	Human mic
c 624	11	16.4	25	9	ACK02799	Ack02799	Human mic
625	11	16.4	25	9	ACI45268	Aci45268	Human mic
c 626	11	16.4	25	9	ACI48181	Aci48181	Human mic
627	11	16.4	25	9	ACI25061	Aci25061	Human mic
628	11	16.4	25	9	ACI12210	Aci12210	Human mic
629	11	16.4	25	9	ACI40717	Aci40717	Human mic
c 630	11	16.4	25	9	ACI76189	Aci76189	Human mic
631	11	16.4	25	9	ACI79456	Aci79456	Human mic
c 632	11	16.4	25	9	ACI72378	Aci72378	Human mic
c 633	11	16.4	25	9	ACI19043	Aci19043	Human mic

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634	11	16.4	25	9	ACK13616	Ack13616 Human mic
c 635	11	16.4	25	9	ACI15168	Aci15168 Human mic
c 636	11	16.4	25	9	ACK22949	Ack22949 Human mic
637	11	16.4	25	9	ACI25060	Aci25060 Human mic
c 638	11	16.4	25	9	ACK26512	Ack26512 Human mic
639	11	16.4	25	10	ADC16275	Adc16275 Chlamydia
c 640	11	16.4	25	10	ADC73315	Adc73315 Anthrax s
c 641	11	16.4	25	12	ADF91864	Adf91864 Random DN
c 642	11	16.4	25	12	ADJ38796	Adj38796 Shiga-lik
c 643	11	16.4	25	12	ADJ38779	Adj38779 Anthrax b
c 644	11	16.4	25	12	ADP16975	Adp16975 Renal cel
c 645	11	16.4	25	12	ADP18164	Adp18164 Renal cel
646	11	16.4	25	12	ADP80743	Adp80743 Staphyloc
647	11	16.4	26	2	AAQ99668	Aaq99668 Homology
648	11	16.4	26	2	AAT10232	Aat10232 Novel seq
649	11	16.4	26	2	ADH29703	Adh29703 ILT gIG g
c 650	11	16.4	26	2	AAx09203	Aax09203 Human bia
651	11	16.4	26	2	AAV16358	Aav16358 PCR prime
c 652	11	16.4	26	3	AAZ91994	Aaz91994 Mahogany
c 653	11	16.4	26	3	AAA13685	Aaa13685 Factor VI
654	11	16.4	26	5	AAC84189	Aac84189 En-1 spec
655	11	16.4	26	5	AAD20972	Aad20972 Maize En/
c 656	11	16.4	26	8	ABT16172	Abt16172 NOvx rela
657	11	16.4	26	12	ADJ51106	Adj51106 Human NOV
c 658	11	16.4	26	12	ADO41863	Ado41863 Novel hum
c 659	11	16.4	26	12	ADP04986	Adp04986 Staphyloc
c 660	11	16.4	26	12	ADP80744	Adp80744 Staphyloc
c 661	11	16.4	26	12	ADP80745	Adp80745 Staphyloc
c 662	11	16.4	27	2	AAT31501	Aat31501 Primer E
c 663	11	16.4	27	2	AAT31513	Aat31513 Primer K
c 664	11	16.4	27	2	AAT31495	Aat31495 Primer C
c 665	11	16.4	27	2	AAx55667	Aax55667 Truncated
666	11	16.4	27	3	AAC70279	Aac70279 Single nu
667	11	16.4	27	3	AAC70225	Aac70225 Single nu
c 668	11	16.4	27	5	AAI61393	Aai61393 Soybean 2
669	11	16.4	27	6	ABK61476	Abk61476 Human NOV
670	11	16.4	27	6	ABK61478	Abk61478 Human NOV
671	11	16.4	27	6	ABK49696	Abk49696 Mouse int
c 672	11	16.4	27	8	ABT14952	Abt14952 Pathogen
c 673	11	16.4	27	9	ACC85637	Acc85637 Secretin-
674	11	16.4	27	9	ADB87301	Adb87301 Human apo
675	11	16.4	28	2	AAT75935	Aat75935 DEN-2 clo
676	11	16.4	28	4	AAH38310	Aah38310 SNP speci
c 677	11	16.4	28	10	ABX95920	Abx95920 PCR prime
678	11	16.4	29	4	AAF31300	Aaf31300 Nucleic a
679	11	16.4	29	4	AAF61311	Aaf61311 En-1 tran
c 680	11	16.4	29	6	ABQ81579	Abq81579 Luciferas
c 681	11	16.4	29	12	ADP80703	Adp80703 Staphyloc
c 682	11	16.4	30	2	AAQ20607	Aaq20607 Primer sp
683	11	16.4	30	2	AAQ26903	Aaq26903 Primer 20
684	11	16.4	30	2	AAT26197	Aat26197 Human gen
685	11	16.4	30	5	AAF61980	Aaf61980 Eg chimera
c 686	11	16.4	30	6	ABQ80967	Abq80967 Dextrane
687	11	16.4	30	6	ABX67306	Abx67306 Novel Hel
c 688	11	16.4	30	6	ABX68523	Abx68523 Novel Hel
689	11	16.4	30	6	ABX67527	Abx67527 Novel Hel
c 690	11	16.4	30	6	ABQ81622	Abq81622 CYP1B1 an

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c 691	11	16.4	30	8	ACC70337	Acc70337 PCR prime
c 692	11	16.4	31	2	AAV67881	Aav67881 Nucleotid
c 693	11	16.4	31	2	AAX39190	Aax39190 Human gen
c 694	11	16.4	31	2	AAX39343	Aax39343 Human gen
c 695	11	16.4	31	3	AAZ57026	Aaz57026 AcNPV p35
c 696	11	16.4	31	6	ABA03648	Aba03648 AcNPV p35
c 697	11	16.4	31	8	ABT31739	Abt31739 GAAP-1 re
698	11	16.4	31	12	ADP08553	Adp08553 PCR prime
c 699	11	16.4	31	12	ADP80707	Adp80707 Staphyloc
700	11	16.4	32	12	ADP12222	Adp12222 Taqman pr
c 701	11	16.4	33	2	AAQ29317	Aaq29317 PCR prime
c 702	11	16.4	33	2	AAQ81600	Aaq81600 Plasmodiu
703	11	16.4	33	2	AAX33102	Aax33102 Streptoco
c 704	11	16.4	33	3	AAA47765	Aaa47765 Primer (V
c 705	11	16.4	33	4	AAH76903	Aah76903 Human dih
706	11	16.4	33	6	ABZ25043	Abz25043 Histidyl-
707	11	16.4	33	6	ABN87591	Abn87591 Oligodend
708	11	16.4	33	6	AAL41277	Aal41277 Human fas
c 709	11	16.4	33	6	AAS19995	Aas19995 PCR prime
710	11	16.4	33	10	ADG65126	Adg65126 Primer of
c 711	11	16.4	33	10	ABZ74772	Abz74772 Human ant
c 712	11	16.4	33	11	ADM79733	Adm79733 Group B S
c 713	11	16.4	34	6	AAD44044	Aad44044 Pribisco-D
c 714	11	16.4	34	6	ABA00189	Aba00189 Probe Rub
715	11	16.4	34	12	ADN07660	Adn07660 Cotton ch
c 716	11	16.4	35	2	AAQ29318	Aaq29318 PCR prime
c 717	11	16.4	35	2	AAQ81601	Aaq81601 Plasmodiu
c 718	11	16.4	35	4	AAH79236	Aah79236 Human Na
719	11	16.4	35	6	ABA02803	Aba02803 Haemophil
720	11	16.4	35	8	ABT31738	Abt31738 CAMP-1 re
721	11	16.4	36	10	ADE45062	Ade45062 CAMP fact
c 722	11	16.4	36	10	ADG65018	Adg65018 Primer of
c 723	11	16.4	36	10	ABZ74748	Abz74748 Human ant
c 724	11	16.4	36	10	ABZ74738	Abz74738 Human ant
c 725	11	16.4	36	10	ABZ74753	Abz74753 Human ant
726	11	16.4	36	12	ADP80716	Adp80716 Staphyloc
727	11	16.4	37	2	AAV40840	Aav40840 Primer RS
c 728	11	16.4	37	2	AAV16045	Aav16045 PCR prime
c 729	11	16.4	37	3	AAZ43304	Aaz43304 Murine ty
c 730	11	16.4	37	3	AAA05289	Aaa05289 P R prime
c 731	11	16.4	37	4	ABK08476	Abk08476 Human CD2
732	11	16.4	37	4	AAH27441	Aah27441 P R prime
733	11	16.4	37	4	AAI71150	Aai71150 Fucose
734	11	16.4	37	4	AAI71156	Aai71156 Rhamnose
735	11	16.4	37	12	ADK18076	Adk18076 N25 comb
736	11	16.4	37	12	ADK18165	Adk18165 SGN17 His
c 737	11	16.4	37	12	ADK18166	Adk18166 SGN17 His
c 738	11	16.4	37	12	ADJ53858	Adj53858 SGN17 His
739	11	16.4	37	12	ADJ54028	Adj54028 Combinato
740	11	16.4	37	12	ADJ53857	Adj53857 SGN17 His
c 741	11	16.4	38	2	AAV47981	Aav47981 Human B7-
c 742	11	16.4	38	4	AAF32823	Aaf32823 Human B7-
c 743	11	16.4	38	4	AAF77425	Aaf77425 Forward P
c 744	11	16.4	38	8	AAL50162	Aal50162 Biotin-co
c 745	11	16.4	38	10	ADE27758	Ade27758 Human B7-
746	11	16.4	38	10	ADE45068	Ade45068 CAMP fact
c 747	11	16.4	38	10	ADG65112	Adg65112 Primer of

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c 748	11	16.4	38	10	ADG65050	Adg65050 Primer of
749	11	16.4	38	10	ADH69096	Adh69096 Hepatitis
c 750	11	16.4	38	12	ADJ54200	Adj54200 Human B7-
c 751	11	16.4	38	12	ADP80717	Adp80717 Staphyloc
c 752	11	16.4	39	6	ABQ75993	Abq75993 Forward p
753	11	16.4	40	3	AAZ94303	Aaz94303 Rat M3 mu
754	11	16.4	40	3	AAZ94354	Aaz94354 Rat musca
755	11	16.4	40	12	ADH05514	Adh05514 Gene poly
756	11	16.4	40	12	ADH91301	Adh91301 1-beta-me
757	11	16.4	41	5	AAH46285	Aah46285 Human pro
758	11	16.4	41	5	AAI69741	Aai69741 Human ret
759	11	16.4	41	6	AAL41279	Aal41279 Human fas
c 760	11	16.4	41	6	ABZ44240	Abz44240 Human ATP
c 761	11	16.4	41	6	ABZ48349	Abz48349 Human org
762	11	16.4	41	6	ABZ46119	Abz46119 Human org
c 763	11	16.4	41	6	ABZ46185	Abz46185 Human org
764	11	16.4	41	6	ABZ48284	Abz48284 Human org
c 765	11	16.4	41	6	ABZ45377	Abz45377 Human ATP
766	11	16.4	41	6	ABZ45879	Abz45879 Human glu
c 767	11	16.4	41	6	ABZ46594	Abz46594 Human ATP
c 768	11	16.4	41	6	ABZ46805	Abz46805 Human ATP
769	11	16.4	41	6	ABZ49488	Abz49488 Human glu
770	11	16.4	41	6	ABX14847	Abx14847 ATP depen
c 771	11	16.4	41	6	AAK99649	Aak99649 Hydrogen
c 772	11	16.4	41	8	ACC42803	Acc42803 Ribosome
c 773	11	16.4	41	8	ACC42804	Acc42804 Ribosome
c 774	11	16.4	41	8	ABX11649	Abx11649 Human ubi
775	11	16.4	41	12	ADH05513	Adh05513 Gene poly
776	11	16.4	41	12	ADH05404	Adh05404 Gene poly
777	11	16.4	41	12	ADH91191	Adh91191 1-beta-me
778	11	16.4	41	12	ADH91300	Adh91300 1-beta-me
779	11	16.4	42	2	AAQ36449	Aaq36449 Mutagenic
c 780	11	16.4	42	2	AAV81964	Aav81964 V. marinu
c 781	11	16.4	42	3	AAA71557	Aaa71557 V. marinu
c 782	11	16.4	43	6	ABZ26959	Abz26959 Candida e
783	11	16.4	43	6	ABZ27933	Abz27933 Candida e
c 784	11	16.4	43	12	ADQ28198	Adq28198 Bacteriop
c 785	11	16.4	43	12	ADQ28200	Adq28200 Bacteriop
c 786	11	16.4	43	12	ADP96922	Adp96922 C. albica
787	11	16.4	44	10	ABT17563	Abt17563 Invader d
788	11	16.4	44	10	ABT17598	Abt17598 Invader d
c 789	11	16.4	45	12	ADH27898	Adh27898 Human chr
790	11	16.4	45	12	ADH27890	Adh27890 Human chr
791	11	16.4	46	2	AAQ35510	Aaq35510 Spacer MP
792	11	16.4	46	2	AAQ24853	Aaq24853 Oligonucl
c 793	11	16.4	46	3	AAZ35037	Aaz35037 L. jmege
794	11	16.4	46	6	ABI98853	Abi98853 Oligonucl
795	11	16.4	46	11	ADM66051	Adm66051 Vaccinia
796	11	16.4	47	3	AAZ55106	Aaz55106 Neisseria
797	11	16.4	47	3	AAZ69310	Aaz69310 Human map
798	11	16.4	47	3	AAZ66345	Aaz66345 Human map
799	11	16.4	47	3	AAZ66940	Aaz66940 Human map
800	11	16.4	47	4	AAH88371	Aah88371 CUS disor
c 801	11	16.4	47	6	ARK40815	Abk40815 Human obe
c 802	11	16.4	48	3	AAZ89316	Aaz89316 F V 16 or
c 803	11	16.4	48	12	ADP90780	Adp90780 Primer of
804	11	16.4	49	2	AAQ93294	Aaq93294 Family 3

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805	11	16.4	49	4	AAF70675	Aaf70675 2'NH2 RNA
c 806	11	16.4	49	6	ABN72092	Abn72092 Streptoco
807	11	16.4	49	10	ACF04987	Acf04987 Hair papi
c 808	11	16.4	50	2	AAQ46271	Aaq46271 IF-1 gene
c 809	11	16.4	50	4	AAL31212	Aal31212 Human SNP
c 810	11	16.4	50	4	AAL31448	Aal31448 Human SNP
811	11	16.4	50	4	AAL28052	Aal28052 Human SNP
c 812	11	16.4	50	4	AAL31211	Aal31211 Human SNP
c 813	11	16.4	50	4	AAL32444	Aal32444 Human SNP
814	11	16.4	50	4	AAL31147	Aal31147 Human SNP
815	11	16.4	50	4	AAL28051	Aal28051 Human SNP
816	11	16.4	50	6	ABZ45722	Abz45722 Human ATP
817	11	16.4	50	6	ABZ48119	Abz48119 Human ATP
c 818	11	16.4	50	6	ABK32970	Abk32970 Human lig
c 819	11	16.4	50	6	ABZ07767	Abz07767 Human leu
820	11	16.4	50	6	ABZ00052	Abz00052 Human leu
c 821	11	16.4	50	6	ABZ00418	Abz00418 Human leu
822	11	16.4	50	6	ABZ02983	Abz02983 Human leu
823	11	16.4	50	6	ABZ04548	Abz04548 Human leu
824	11	16.4	50	6	ABZ05429	Abz05429 Human leu
c 825	11	16.4	50	6	ABZ00405	Abz00405 Human leu
826	11	16.4	50	6	ABZ05491	Abz05491 Human leu
827	11	16.4	50	6	ABZ07395	Abz07395 Human leu
c 828	11	16.4	50	10	ADD31990	Add31990 BP-B1X a
829	11	16.4	50	10	ADG33380	Adg33380 Human DNA
c 830	11	16.4	51	2	AAV19361	Aav19361 ER prime
c 831	11	16.4	51	2	AAV19360	Aav19360 ER prime
832	11	16.4	51	4	AAL31148	Aal31148 Human SNP
833	11	16.4	51	4	AAL30693	Aal30693 Human SNP
c 834	11	16.4	51	4	AAL31729	Aal31729 Human SNP
835	11	16.4	51	4	AAL32437	Aal32437 Human SNP
c 836	11	16.4	51	4	AAI75691	Aai75691 Human sil
c 837	11	16.4	51	4	AAI75690	Aai75690 Human sil
838	11	16.4	51	4	AAI77878	Aai77878 Human sil
839	11	16.4	51	4	AAI76782	Aai76782 Human sil
840	11	16.4	51	4	AAH40672	Aah40672 Human SNP
c 841	11	16.4	51	5	ABL00481	AbL00481 Human sil
c 842	11	16.4	51	5	ABL00360	AbL00360 Human sil
c 843	11	16.4	51	5	ABL00480	AbL00480 Human sil
844	11	16.4	51	8	ABZ09121	Abz09121 Human oli
845	11	16.4	51	10	ABZ78574	Abz78574 Tumour su
c 846	11	16.4	51	10	ABZ74742	Abz74742 Human ant
c 847	11	16.4	52	2	AAQ73307	Aaq73307 p10N14192
c 848	11	16.4	52	2	AAQ86763	Aaq86763 l cZalpha
c 849	11	16.4	52	2	AAQ93964	Aaq93964 Intronic
c 850	11	16.4	53	6	ABN71897	Abn71897 Streptoco
851	11	16.4	54	2	AAV79353	Aav79353 Saphyloc
852	11	16.4	54	2	AAV79342	Aav79342 Saphyloc
853	11	16.4	54	12	ADH00004	Adh00004 Kidney di
854	11	16.4	55	3	AAC11311	Aac11311 Human sec
c 855	11	16.4	57	2	AAV76744	Aav76744 Saphyloc
c 856	11	16.4	58	2	AAV79288	Aav79288 Saphyloc
857	11	16.4	58	8	ABZ09130	Abz09130 Human oli
858	11	16.4	58	10	ACD96191	Acd96191 Human col
859	11	16.4	58	10	ABZ78583	Abz78583 Tumour su
860	11	16.4	59	2	AAT20458	Aat20458 Human gen
c 861	11	16.4	59	2	AAV77836	Aav77836 Saphyloc

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862	11	16.4	59	3	AAA62662	Aaa62662 Cry2A fam
863	11	16.4	59	10	ADD68846	Add68846 CRY2-6 ol
c 864	11	16.4	60	6	ABN43422	Abn43422 Human spl
865	11	16.4	60	6	ABN59167	Abn59167 Human spl
c 866	11	16.4	60	6	ABN46973	Abn46973 Human spl
867	11	16.4	60	6	ABN37710	Abn37710 Human spl
c 868	11	16.4	60	6	ABN40399	Abn40399 Human spl
c 869	11	16.4	60	8	ABX50219	Abx50219 Bovine ES
c 870	11	16.4	60	10	ADH11126	Adh11126 E.coli AT
c 871	11	16.4	61	8	ACF19027	Acf19027 Tumour ce
c 872	11	16.4	61	10	ADC84850	Adc84850 MCF-7 bre
c 873	11	16.4	61	10	ACD96678	Acd96678 Human col
874	11	16.4	62	2	AAT20447	Aat20447 Human gen
875	11	16.4	64	3	AAZ61290	Aaz61290 Oligonucl
876	11	16.4	65	3	AAZ29563	Aaz29563 PCR Prime
c 877	11	16.4	65	6	ABZ27654	Abz27654 Candida e
878	11	16.4	65	6	ABZ26707	Abz26707 Candida e
c 879	11	16.4	65	6	ABZ27063	Abz27063 Candida e
c 880	11	16.4	65	6	ABZ28455	Abz28455 Candida g
881	11	16.4	65	6	ABZ28263	Abz28263 Candida g
882	11	16.4	65	6	ABZ28938	Abz28938 Candida g
c 883	11	16.4	65	6	ABZ28412	Abz28412 Candida g
c 884	11	16.4	65	6	ABZ27433	Abz27433 Candida e
885	11	16.4	65	6	ABZ27303	Abz27303 Candida e
886	11	16.4	65	6	ABZ28909	Abz28909 Candida g
c 887	11	16.4	65	6	ABZ27487	Abz27487 Candida e
888	11	16.4	65	6	ABZ28139	Abz28139 Candida g
c 889	11	16.4	65	6	ABZ26585	Abz26585 Candida e
c 890	11	16.4	65	6	ABZ28864	Abz28864 Candida g
891	11	16.4	65	6	ABZ28461	Abz28461 Candida g
892	11	16.4	65	6	ABN52796	Abn52796 House spl
893	11	16.4	65	6	ABN30221	Abn30221 Rat splic
894	11	16.4	65	6	ABN57361	Abn57361 House spl
895	11	16.4	65	6	ABN28980	Abn28980 Rat splic
c 896	11	16.4	65	12	ADP97454	Adp97454 C. albica
c 897	11	16.4	66	2	AAV26845	Aav26845 Recombina
898	11	16.4	66	3	AAC11461	Aac11461 Human sec
c 899	11	16.4	66	4	AAH93341	Aah93341 Plasmodiu
c 900	11	16.4	66	10	ABT17567	Abt17567 Invader d
c 901	11	16.4	66	10	ABT17601	Abt17601 Invader d
c 902	11	16.4	66	10	ABT17602	Abt17602 Invader d
c 903	11	16.4	66	10	ABT17566	Abt17566 Invader d
c 904	11	16.4	67	2	AAQ29197	Aaq29197 PCR prime
c 905	11	16.4	67	2	AAH85571	Aah85571 Human sin
c 906	11	16.4	67	9	ADA09631	Ada09631 Restricti
c 907	11	16.4	67	10	ADC56669	Adc56669 rEcoli pr
c 908	11	16.4	68	2	AAQ67807	Aaq67807 pAD544 va
909	11	16.4	68	2	AAV79263	Aav79263 Staphyloc
c 910	11	16.4	68	2	AAT47607	Aat47607 Human MP
c 911	11	16.4	68	2	AAV17714	Aav17714 C. phage
c 912	11	16.4	68	2	AAZ08466	Aaz08466 Humanid p
c 913	11	16.4	68	6	AAI68720	Aai68720 Rat prost
c 914	11	16.4	68	8	ABZ09741	Abz09741 Human oli
c 915	11	16.4	68	10	ABZ79194	Abz79194 Tumour su
c 916	11	16.4	70	3	AAC69927	Aac69927 T. beta-
917	11	16.4	70	10	ADC64820	Adc64820 HBK-4L-
918	11	16.4	71	2	AAT22846	Aat22846 Human gen

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c 919	11	16.4	71	2	AAV76780	Aav76780 Staphyloc
c 920	11	16.4	72	4	AAH72383	Aah72383 Human cer
c 921	11	16.4	73	2	AAT25546	Aat25546 Human gen
922	11	16.4	73	3	AAC11155	Aac11155 Human sec
923	11	16.4	73	8	ABZ09418	Abz09418 Human oli
924	11	16.4	73	10	ABZ78871	Abz78871 Tumour su
925	11	16.4	75	2	AAT20432	Aat20432 Human gen
926	11	16.4	76	2	AAT21246	Aat21246 Human gen
c 927	11	16.4	77	2	AAT25035	Aat25035 Human gen
928	11	16.4	77	2	AAT88602	Aat88602 F nucl
929	11	16.4	77	2	AAV79268	Aav79268 Staphyloc
930	11	16.4	78	3	AAC16722	Aac16722 Human sec
c 931	11	16.4	78	12	ADM87864	Adm87864 CP4-add R
932	11	16.4	79	2	AAT06251	Aat06251 Second ro
933	11	16.4	79	2	AAT06227	Aat06227 HIV-1 rev
934	11	16.4	79	2	AAT06235	Aat06235 Second ro
935	11	16.4	79	3	AAC25732	Aac25732 Human sec
936	11	16.4	79	4	AAK55455	Aak55455 Human imm
937	11	16.4	80	2	AAQ33826	Aaq33826 B. anthracis
938	11	16.4	80	2	AAT06203	Aat06203 HIV-1 rev
939	11	16.4	80	2	AAT06241	Aat06241 Second ro
940	11	16.4	80	2	AAT06248	Aat06248 Second ro
941	11	16.4	80	2	AAT06258	Aat06258 Second ro
942	11	16.4	80	2	AAT14471	Aat14471 Mouse IgE
943	11	16.4	80	4	AAI27491	Aai27491 Probe #17
944	11	16.4	80	4	ABA75805	Ala75805 Human foe
945	11	16.4	80	4	AAI56461	Aai56461 Probe #25
946	11	16.4	80	4	ABA40376	Aba40376 Probe #18
947	11	16.4	80	4	AAK50478	Aak50478 Human bon
948	11	16.4	80	4	AAK24489	Aak24489 Human bra
949	11	16.4	80	4	ABS50101	Abs50101 Human liv
950	11	16.4	80	6	ABS23950	Abs23950 Human gen
c 951	11	16.4	80	9	ADA73893	Ada73893 Carcinoma
c 952	11	16.4	80	9	ADA02367	Ada02367 Mouse car
c 953	11	16.4	80	10	ADB72106	Adb72106 Mouse car
954	11	16.4	81	2	AAT06201	Aat06201 HIV-1 rev
955	11	16.4	81	2	AAT06256	Aat06256 Second ro
956	11	16.4	81	2	AAT06224	Aat06224 HIV-1 rev
957	11	16.4	81	2	AAT06228	Aat06228 HIV-1 rev
958	11	16.4	81	2	AAT06259	Aat06259 Second ro
959	11	16.4	81	2	AAT06265	Aat06265 HIV-1 rev
960	11	16.4	81	2	AAT06195	Aat06195 HIV-1 rev
961	11	16.4	81	2	AAT06208	Aat06208 HIV-1 rev
962	11	16.4	81	2	AAT06209	Aat06209 HIV-1 rev
963	11	16.4	81	2	AAT06217	Aat06217 HIV-1 rev
964	11	16.4	81	2	AAT06240	Aat06240 Second ro
965	11	16.4	81	2	AAT06245	Aat06245 Second ro
966	11	16.4	81	2	AAT06278	Aat06278 HIV-1 rev
967	11	16.4	81	2	AAT06200	Aat06200 HIV-1 rev
968	11	16.4	81	2	AAT06230	Aat06230 HIV-1 rev
969	11	16.4	81	2	AAT06231	Aat06231 Second ro
970	11	16.4	81	2	AAT06239	Aat06239 Second ro
971	11	16.4	81	2	AAT06275	Aat06275 HIV-1 rev
972	11	16.4	81	2	AAT06198	Aat06198 HIV-1 rev
973	11	16.4	81	2	AAT06202	Aat06202 HIV-1 rev
974	11	16.4	81	2	AAT06204	Aat06204 HIV-1 rev
975	11	16.4	81	2	AAT06225	Aat06225 HIV-1 rev

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976	11	16.4	81	2	AAT06233	Aat06233 Second ro
977	11	16.4	81	2	AAT06238	Aat06238 Second ro
978	11	16.4	81	2	AAT06253	Aat06253 Second ro
979	11	16.4	81	2	AAT06271	Aat06271 HIV-1 rev
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981	11	16.4	81	2	AAT06255	Aat06255 Second ro
982	11	16.4	81	2	AAT06207	Aat06207 HIV-1 rev
983	11	16.4	81	2	AAT06234	Aat06234 Second ro
984	11	16.4	81	2	AAT06274	Aat06274 HIV-1 rev
985	11	16.4	81	2	AAT06219	Aat06219 HIV-1 rev
986	11	16.4	81	2	AAT06229	Aat06229 HIV-1 rev
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988	11	16.4	81	2	AAT06269	Aat06269 HIV-1 rev
989	11	16.4	81	2	AAT06212	Aat06212 HIV-1 rev
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991	11	16.4	81	2	AAT06247	Aat06247 Second ro
992	11	16.4	81	2	AAT06252	Aat06252 Second ro
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994	11	16.4	81	2	AAT06199	Aat06199 HIV-1 rev
995	11	16.4	81	2	AAT06216	Aat06216 HIV-1 rev
996	11	16.4	81	2	AAT06222	Aat06222 HIV-1 rev
997	11	16.4	81	2	AAT06250	Aat06250 Second ro
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999	11	16.4	81	2	AAT06237	Aat06237 Second ro
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(without alignments)
710.789 Million cell updates/sec

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Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

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SUMMARIES

Result			%		Query				Description
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	1	30	44.8	50	4	US-08-956-171E-5118		Sequence 5118, Ap	
	2	30	44.8	50	4	US-08-781-986A-5118		Sequence 5118, Ap	
	3	30	44.8	51	4	US-08-956-171E-5094		Sequence 5094, Ap	
	4	30	44.8	51	4	US-08-781-986A-5094		Sequence 5094, Ap	
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	7	26	38.8	60	4	US-08-956-171E-5119		Sequence 5119, Ap	
	8	26	38.8	60	4	US-08-781-986A-5119		Sequence 5119, Ap	
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c 229	11	16.4	68	4	US-09-916-963-150	Sequence 150, App
230	11	16.4	68	4	US-09-270-767-4380	Sequence 4380, Ap
231	11	16.4	68	4	US-09-270-767-19662	Sequence 19662, A
232	11	16.4	68	4	US-08-781-986A-4952	Sequence 4952, Ap
c 233	11	16.4	68	4	US-09-663-667-141	Sequence 141, App
c 234	11	16.4	70	3	US-09-275-850-122	Sequence 122, App
c 235	11	16.4	71	4	US-08-956-171E-2469	Sequence 2469, Ap
c 236	11	16.4	71	4	US-08-781-986A-2469	Sequence 2469, Ap
237	11	16.4	73	4	US-09-513-999C-15230	Sequence 15230, A
238	11	16.4	77	1	US-08-447-169A-167	Sequence 167, App
239	11	16.4	77	4	US-08-956-171E-4957	Sequence 4957, Ap
240	11	16.4	77	4	US-09-860-474-167	Sequence 167, App

241	11	16.4	77	4	US-08-781-986A-4957	Sequence 4957, Ap
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245	11	16.4	79	1	US-08-238-863-63	Sequence 63, Appl
246	11	16.4	79	1	US-08-443-407-39	Sequence 39, Appl
247	11	16.4	79	1	US-08-443-407-47	Sequence 47, Appl
248	11	16.4	79	1	US-08-443-407-63	Sequence 63, Appl
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251	11	16.4	79	5	PCT-US95-05600-191	Sequence 191, App
252	11	16.4	79	5	PCT-US95-05600-207	Sequence 207, App
253	11	16.4	80	1	US-08-238-863-15	Sequence 15, Appl
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255	11	16.4	80	1	US-08-238-863-60	Sequence 60, Appl
256	11	16.4	80	1	US-08-238-863-70	Sequence 70, Appl
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259	11	16.4	80	1	US-08-443-407-53	Sequence 53, Appl
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261	11	16.4	80	1	US-08-443-407-70	Sequence 70, Appl
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264	11	16.4	80	5	PCT-US95-05600-197	Sequence 197, App
265	11	16.4	80	5	PCT-US95-05600-204	Sequence 204, App
266	11	16.4	80	5	PCT-US95-05600-214	Sequence 214, App
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497	11	16.4	81	5	PCT-US95-05600-235	Sequence 235, App
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516	11	16.4	83	3	US-08-991-743C-29	Sequence 29, Appl
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534	11	16.4	84	1	US-08-447-169A-175	Sequence 175, App
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795	11	16.4	86	4	US-09-860-474-162	Sequence 162, App
796	11	16.4	86	4	US-09-860-474-163	Sequence 163, App
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804	11	16.4	86	4	US-09-860-474-209	Sequence 209, App
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808	11	16.4	86	4	US-09-860-474-218	Sequence 218, App
809	11	16.4	86	4	US-09-860-474-237	Sequence 237, App
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ALIGNMENTS

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1296.166 Million cell updates/sec

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Gapop 60.0 , Gapext 60.0

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Post-processing: Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	30	44.8	50	16 US-10-329-624-5118	Sequence 5118, Ap
3	30	44.8	51	8 US-08-781-986A-5094	Sequence 5094, Ap
4	30	44.8	51	16 US-10-329-624-5094	Sequence 5094, Ap
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7	26	38.8	60	8 US-08-781-986A-5119	Sequence 5119, Ap
8	26	38.8	60	16 US-10-329-624-5119	Sequence 5119, Ap
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c 10	15	22.4	35	15 US-10-339-740-103	Sequence 103, App
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16	13	19.4	13	18 US-10-257-017B-68966	Sequence 68966, A
17	13	19.4	13	18 US-10-257-017B-70695	Sequence 70695, A
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20	13	19.4	13	18 US-10-257-017B-97004	Sequence 97004, A
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c 33	13	19.4	26	17 US-10-344-124-44	Sequence 44, Appl
c 34	13	19.4	33	17 US-10-128-520-256	Sequence 256, App
c 35	13	19.4	50	16 US-10-131-827-3207	Sequence 3207, Ap
c 36	13	19.4	51	15 US-10-393-815-120	Sequence 120, App
c 37	13	19.4	51	15 US-10-393-815-162	Sequence 162, App
38	13	19.4	51	18 US-10-865-478-379	Sequence 379, App
c 39	13	19.4	57	11 US-09-842-776A-17	Sequence 17, Appl
40	13	19.4	65	10 US-09-908-975-29604	Sequence 29604, A
41	13	19.4	65	15 US-10-032-585-2536	Sequence 2536, Ap
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c 44	12	17.9	12	18 US-10-257-017B-273125	Sequence 273125,
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c 46	12	17.9	12	18 US-10-257-017B-300714	Sequence 300714,
47	12	17.9	12	18 US-10-257-017B-311839	Sequence 311839,
c 48	12	17.9	12	18 US-10-257-017B-318994	Sequence 318994,
49	12	17.9	12	18 US-10-257-017B-319826	Sequence 319826,
c 50	12	17.9	12	18 US-10-257-017B-321327	Sequence 321327,
51	12	17.9	12	18 US-10-257-017B-356133	Sequence 356133,
52	12	17.9	12	18 US-10-257-017B-373317	Sequence 373317,
c 53	12	17.9	13	18 US-10-257-017B-7093	Sequence 7093, Ap
54	12	17.9	13	18 US-10-257-017B-7094	Sequence 7094, Ap

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	56	12	17.9	13	18	US-10-257-017B-26042	Sequence 26042, A
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	58	12	17.9	13	18	US-10-257-017B-31338	Sequence 31338, A
	59	12	17.9	13	18	US-10-257-017B-32517	Sequence 32517, A
c	60	12	17.9	13	18	US-10-257-017B-32518	Sequence 32518, A
	61	12	17.9	13	18	US-10-257-017B-52103	Sequence 52103, A
c	62	12	17.9	13	18	US-10-257-017B-52104	Sequence 52104, A
	63	12	17.9	13	18	US-10-257-017B-79417	Sequence 79417, A
c	64	12	17.9	13	18	US-10-257-017B-79418	Sequence 79418, A
	65	12	17.9	13	18	US-10-257-017B-92627	Sequence 92627, A
c	66	12	17.9	13	18	US-10-257-017B-92628	Sequence 92628, A
c	67	12	17.9	13	18	US-10-257-017B-118739	Sequence 118739,
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c	83	12	17.9	16	18	US-10-776-933-145	Sequence 145, App
	84	12	17.9	17	9	US-09-864-785-2131	Sequence 2131, Ap
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	87	12	17.9	20	16	US-10-289-762-3127	Sequence 3127, Ap
	88	12	17.9	20	16	US-10-447-136-53	Sequence 53, Appl
c	89	12	17.9	20	17	US-10-304-113-65	Sequence 65, Appl
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	91	12	17.9	20	17	US-10-337-231-1	Sequence 1, Appli
	92	12	17.9	20	18	US-10-789-526-141	Sequence 141, App
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c	96	12	17.9	24	15	US-10-091-281-427	Sequence 427, App
c	97	12	17.9	24	16	US-10-664-422-216	Sequence 216, App
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c	99	12	17.9	24	18	US-10-664-603-216	Sequence 216, App
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	104	12	17.9	25	15	US-10-098-263B-51543	Sequence 51543, A
	105	12	17.9	25	15	US-10-098-263B-100249	Sequence 100249,
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c	111	12	17.9	26	13	US-10-051-852-86	Sequence 86, Appl

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c 118	12	17.9	30	9	US-09-965-099-22	Sequence 22, Appl
c 119	12	17.9	30	13	US-10-051-852-22	Sequence 22, Appl
c 120	12	17.9	30	15	US-10-430-176-22	Sequence 22, Appl
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c 124	12	17.9	33	17	US-10-128-520-250	Sequence 250, App
c 125	12	17.9	37	16	US-10-193-377-11	Sequence 11, Appl
c 126	12	17.9	39	9	US-09-828-523A-87	Sequence 87, Appl
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c 129	12	17.9	39	17	US-10-128-520-265	Sequence 265, App
130	12	17.9	40	17	US-10-724-108-67	Sequence 67, Appl
c 131	12	17.9	40	18	US-10-476-597-56	Sequence 56, Appl
c 132	12	17.9	41	16	US-10-035-833A-4341	Sequence 4341, Ap
133	12	17.9	43	15	US-10-032-585-884	Sequence 884, App
134	12	17.9	47	16	US-10-349-143-76	Sequence 76, Appl
c 135	12	17.9	47	16	US-10-349-143-339	Sequence 339, App
c 136	12	17.9	47	16	US-10-349-143-2857	Sequence 2857, Ap
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138	12	17.9	49	15	US-10-027-632-176005	Sequence 176005,
139	12	17.9	50	16	US-10-131-827-2677	Sequence 2677, Ap
140	12	17.9	50	16	US-10-131-827-7955	Sequence 7955, Ap
c 141	12	17.9	52	8	US-08-781-986A-2072	Sequence 2072, Ap
c 142	12	17.9	52	16	US-10-329-624-2072	Sequence 2072, Ap
c 143	12	17.9	55	15	US-10-106-698-3979	Sequence 3979, Ap
144	12	17.9	60	10	US-09-908-975-7362	Sequence 7362, Ap
145	12	17.9	60	10	US-09-908-975-7845	Sequence 7845, Ap
146	12	17.9	60	10	US-09-908-975-19386	Sequence 19386, A
c 147	12	17.9	65	15	US-10-032-585-2746	Sequence 2746, Ap
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c 149	12	17.9	65	15	US-10-032-585-3480	Sequence 3480, Ap
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152	12	17.9	80	13	US-10-027-632-175806	Sequence 175806,
153	12	17.9	80	15	US-10-027-632-175806	Sequence 175806,
154	12	17.9	85	18	US-10-914-037-577	Sequence 577, App
c 155	12	17.9	86	9	US-09-965-099-82	Sequence 82, Appl
c 156	12	17.9	86	13	US-10-051-852-82	Sequence 82, Appl
c 157	12	17.9	86	15	US-10-430-176-82	Sequence 82, Appl
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159	12	17.9	90	11	US-09-801-348-30	Sequence 30, Appl
c 160	12	17.9	91	9	US-09-965-099-18	Sequence 18, Appl
c 161	12	17.9	91	13	US-10-051-852-18	Sequence 18, Appl
c 162	12	17.9	91	15	US-10-430-176-18	Sequence 18, Appl
163	12	17.9	93	15	US-10-055-728-72	Sequence 72, Appl
164	12	17.9	93	15	US-10-310-677-72	Sequence 72, Appl
165	12	17.9	93	17	US-10-021-323-8649	Sequence 8649, Ap
c 166	12	17.9	94	17	US-10-021-323-7100	Sequence 7100, Ap
c 167	12	17.9	96	15	US-10-091-007-69	Sequence 69, Appl
c 168	12	17.9	100	9	US-09-924-035A-660	Sequence 660, App

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c 244	11	16.4	13	18	US-10-257-017B-62477	Sequence 62477, A
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c 247	11	16.4	13	18	US-10-257-017B-66318	Sequence 66318, A
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c 302	11	16.4	13	18	US-10-257-017B-159193	Sequence 159193,
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c 304	11	16.4	13	18	US-10-257-017B-173971	Sequence 173971,
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c 308	11	16.4	13	18	US-10-257-017B-194077	Sequence 194077,
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c 310	11	16.4	13	18	US-10-257-017B-195523	Sequence 195523,
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c 312	11	16.4	13	18	US-10-257-017B-198295	Sequence 198295,
313	11	16.4	13	18	US-10-257-017B-198296	Sequence 198296,
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c 316	11	16.4	13	18	US-10-257-017B-202957	Sequence 202957,
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323	11	16.4	13	18	US-10-257-017B-227522	Sequence 227522,
324	11	16.4	13	18	US-10-257-017B-231901	Sequence 231901,
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332	11	16.4	13	18	US-10-257-017B-246139	Sequence 246139,
c 333	11	16.4	13	18	US-10-257-017B-246140	Sequence 246140,
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c 343	11	16.4	15	14	US-10-287-919-1623	Sequence 1623, Ap
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346	11	16.4	16	15	US-10-108-164-96	Sequence 96, Appl
c 347	11	16.4	16	17	US-10-344-124-15	Sequence 15, Appl
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349	11	16.4	17	10	US-09-780-533A-194	Sequence 194, App
350	11	16.4	17	10	US-09-780-533A-195	Sequence 195, App
351	11	16.4	17	10	US-09-780-533A-1900	Sequence 1900, Ap
352	11	16.4	17	10	US-09-780-533A-2155	Sequence 2155, Ap
353	11	16.4	17	10	US-09-927-046-764	Sequence 764, App
354	11	16.4	17	10	US-09-927-046-1489	Sequence 1489, Ap
355	11	16.4	17	10	US-09-927-046-1698	Sequence 1698, Ap
356	11	16.4	17	14	US-10-287-919-629	Sequence 629, App
357	11	16.4	17	14	US-10-287-919-1847	Sequence 1847, Ap
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359	11	16.4	17	15	US-10-238-700-921	Sequence 921, App
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368	11	16.4	20	10	US-09-741-744A-26	Sequence 26, Appl
369	11	16.4	20	10	US-09-954-679-12	Sequence 12, Appl
370	11	16.4	20	15	US-10-371-474-36	Sequence 36, Appl
371	11	16.4	20	15	US-10-160-632-24	Sequence 24, Appl
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c 374	11	16.4	20	16	US-10-298-994-119	Sequence 119, App
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381	11	16.4	20	17	US-10-688-706-2477	Sequence 2477, Ap
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388	11	16.4	20	17	US-10-619-739-33	Sequence 33, Appl
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390	11	16.4	20	18	US-10-659-473-52	Sequence 52, Appl
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394	11	16.4	20	18	US-10-824-782-26	Sequence 26, Appl
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c 401	11	16.4	21	18	US-10-786-720-3216	Sequence 3216, Ap
c 402	11	16.4	22	9	US-09-961-663-8	Sequence 8, Appli
c 403	11	16.4	22	9	US-09-961-663-9	Sequence 9, Appli
c 404	11	16.4	23	10	US-09-925-547A-21	Sequence 21, Appl
c 405	11	16.4	24	9	US-09-426-548-140	Sequence 140, App
406	11	16.4	24	9	US-09-881-012-202	Sequence 202, App
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409	11	16.4	24	15	US-10-311-946-7	Sequence 7, Appli
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c 415	11	16.4	25	15	US-10-098-263B-15160	Sequence 15160, A
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c 417	11	16.4	25	15	US-10-098-263B-19034	Sequence 19034, A
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427	11	16.4	25	15	US-10-098-263B-41310	Sequence 41310, A
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c 430	11	16.4	25	15	US-10-098-263B-48172	Sequence 48172, A
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436	11	16.4	25	15	US-10-098-263B-89436	Sequence 89436, A
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c 451	11	16.4	25	16	US-10-387-314-1	Sequence 1, Appli
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c 453	11	16.4	25	17	US-10-717-597-4900	Sequence 4900, Ap

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c 455	11	16.4	26	16	US-10-161-493-229	Sequence 229, App
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457	11	16.4	27	9	US-09-949-145-75	Sequence 75, Appl
c 458	11	16.4	27	10	US-09-754-853A-24	Sequence 24, Appl
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460	11	16.4	27	11	US-09-939-853A-115	Sequence 115, App
c 461	11	16.4	28	10	US-09-860-474-238	Sequence 238, App
c 462	11	16.4	28	10	US-09-851-486-2	Sequence 2, Appli
c 463	11	16.4	28	15	US-10-409-565-238	Sequence 238, App
c 464	11	16.4	28	15	US-10-223-666-91	Sequence 91, Appl
c 465	11	16.4	28	18	US-10-483-920-11	Sequence 11, Appl
c 466	11	16.4	29	13	US-10-094-146-17	Sequence 17, Appl
467	11	16.4	30	15	US-10-194-985-20	Sequence 20, Appl
c 468	11	16.4	30	16	US-10-296-242-4	Sequence 4, Appli
469	11	16.4	31	14	US-10-287-919-994	Sequence 994, App
c 470	11	16.4	32	18	US-10-781-362-21	Sequence 21, Appl
c 471	11	16.4	32	18	US-10-781-362-23	Sequence 23, Appl
c 472	11	16.4	32	18	US-10-781-362-28	Sequence 28, Appl
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c 474	11	16.4	33	17	US-10-128-520-267	Sequence 267, App
c 475	11	16.4	33	18	US-10-804-408-121	Sequence 121, App
c 476	11	16.4	34	13	US-10-006-009-29	Sequence 29, Appl
477	11	16.4	34	16	US-10-350-696-25	Sequence 25, Appl
478	11	16.4	34	18	US-10-817-607-48	Sequence 48, Appl
479	11	16.4	36	14	US-10-134-021-10	Sequence 10, Appl
480	11	16.4	36	16	US-10-360-101-33	Sequence 33, Appl
c 481	11	16.4	36	17	US-10-128-520-233	Sequence 233, App
c 482	11	16.4	36	17	US-10-128-520-243	Sequence 243, App
c 483	11	16.4	36	17	US-10-128-520-248	Sequence 248, App
484	11	16.4	36	18	US-10-864-012-10	Sequence 10, Appl
c 485	11	16.4	37	10	US-09-780-164-1811	Sequence 1811, Ap
c 486	11	16.4	38	10	US-09-851-871-20	Sequence 20, Appl
487	11	16.4	38	14	US-10-134-021-16	Sequence 16, Appl
c 488	11	16.4	38	16	US-10-383-630-4	Sequence 4, Appli
c 489	11	16.4	38	16	US-10-444-206-20	Sequence 20, Appl
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c 491	11	16.4	38	18	US-10-641-962-20	Sequence 20, Appl
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c 493	11	16.4	41	16	US-10-035-833A-2161	Sequence 2161, Ap
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c 496	11	16.4	41	16	US-10-035-833A-2969	Sequence 2969, Ap
c 497	11	16.4	41	16	US-10-035-833A-3378	Sequence 3378, Ap
c 498	11	16.4	41	16	US-10-035-833A-3589	Sequence 3589, Ap
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c 500	11	16.4	41	16	US-10-035-833A-5132	Sequence 5132, Ap
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c 502	11	16.4	42	15	US-10-331-061-59	Sequence 59, Appl
c 503	11	16.4	43	15	US-10-032-585-838	Sequence 838, App
504	11	16.4	43	15	US-10-032-585-1880	Sequence 1880, Ap
c 505	11	16.4	43	17	US-10-373-612A-12	Sequence 12, Appl
c 506	11	16.4	43	17	US-10-373-612A-14	Sequence 14, Appl
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508	11	16.4	44	15	US-10-142-283-98	Sequence 98, Appl
509	11	16.4	45	17	US-10-606-133-9	Sequence 9, Appli
c 510	11	16.4	45	17	US-10-606-133-17	Sequence 17, Appl

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c 512	11	16.4	45	18	US-10-851-383-256	Sequence 256, App
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515	11	16.4	46	15	US-10-267-384-17	Sequence 17, Appl
516	11	16.4	46	15	US-10-441-788-17	Sequence 17, Appl
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c 519	11	16.4	47	16	US-10-333-429-63	Sequence 63, Appl
c 520	11	16.4	50	9	US-09-783-590-2759	Sequence 2759, Ap
c 521	11	16.4	50	14	US-10-112-612-69	Sequence 69, Appl
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c 524	11	16.4	50	16	US-10-131-827-396	Sequence 396, App
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533	11	16.4	50	18	US-10-770-538-217	Sequence 217, App
534	11	16.4	51	9	US-09-923-876-166	Sequence 166, App
535	11	16.4	51	10	US-09-923-876-166	Sequence 166, App
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c 546	11	16.4	51	18	US-10-813-638-471	Sequence 471, App
c 547	11	16.4	51	18	US-10-813-638-472	Sequence 472, App
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549	11	16.4	54	8	US-08-781-986A-5042	Sequence 5042, Ap
550	11	16.4	54	16	US-10-329-624-5031	Sequence 5031, Ap
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c 553	11	16.4	57	16	US-10-329-624-2433	Sequence 2433, Ap
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c 555	11	16.4	58	16	US-10-329-624-4977	Sequence 4977, Ap
c 556	11	16.4	59	8	US-08-781-986A-3525	Sequence 3525, Ap
c 557	11	16.4	59	16	US-10-329-624-3525	Sequence 3525, Ap
c 558	11	16.4	60	9	US-09-983-965-148	Sequence 148, App
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c 560	11	16.4	60	10	US-09-908-975-13147	Sequence 13147, A
c 561	11	16.4	60	10	US-09-908-975-16170	Sequence 16170, A
c 562	11	16.4	60	10	US-09-908-975-19721	Sequence 19721, A
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c 567	11	16.4	63	18	US-10-781-362-26	Sequence 26, Appl

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572	11	16.4	65	10	US-09-908-975-25544	Sequence 25544, A
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c 574	11	16.4	65	15	US-10-032-585-464	Sequence 464, App
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c 576	11	16.4	65	15	US-10-032-585-1010	Sequence 1010, Ap
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c 578	11	16.4	65	15	US-10-032-585-1380	Sequence 1380, Ap
c 579	11	16.4	65	15	US-10-032-585-1434	Sequence 1434, Ap
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c 584	11	16.4	65	15	US-10-032-585-2470	Sequence 2470, Ap
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c 586	11	16.4	65	15	US-10-032-585-2879	Sequence 2879, Ap
587	11	16.4	65	15	US-10-032-585-2924	Sequence 2924, Ap
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c 595	11	16.4	66	15	US-10-142-283-67	Sequence 67, Appl
c 596	11	16.4	66	15	US-10-142-283-101	Sequence 101, App
c 597	11	16.4	66	15	US-10-142-283-102	Sequence 102, App
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c 606	11	16.4	68	15	US-10-267-384-141	Sequence 141, App
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c 608	11	16.4	70	10	US-09-907-111-122	Sequence 122, App
c 609	11	16.4	71	8	US-08-781-986A-2469	Sequence 2469, Ap
c 610	11	16.4	71	16	US-10-329-624-2469	Sequence 2469, Ap
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613	11	16.4	77	15	US-10-409-565-167	Sequence 167, App
614	11	16.4	77	16	US-10-329-624-4957	Sequence 4957, Ap
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c 620	11	16.4	80	14	US-10-105-613-426	Sequence 426, App
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633	11	16.4	83	15	US-10-409-565-211	Sequence 211, App
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c 778	11	16.4	94	13	US-10-046-935-1127	Sequence 1127, Ap
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c 833	10	14.9	12	18	US-10-257-017B-280783	Sequence 280783,
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c 835	10	14.9	12	18	US-10-257-017B-283489	Sequence 283489,
836	10	14.9	12	18	US-10-257-017B-283899	Sequence 283899,
c 837	10	14.9	12	18	US-10-257-017B-284025	Sequence 284025,
c 838	10	14.9	12	18	US-10-257-017B-284273	Sequence 284273,
c 839	10	14.9	12	18	US-10-257-017B-285596	Sequence 285596,
840	10	14.9	12	18	US-10-257-017B-286014	Sequence 286014,
c 841	10	14.9	12	18	US-10-257-017B-286584	Sequence 286584,
842	10	14.9	12	18	US-10-257-017B-286811	Sequence 286811,
843	10	14.9	12	18	US-10-257-017B-287012	Sequence 287012,
844	10	14.9	12	18	US-10-257-017B-287433	Sequence 287433,
c 845	10	14.9	12	18	US-10-257-017B-288409	Sequence 288409,
c 846	10	14.9	12	18	US-10-257-017B-288806	Sequence 288806,
c 847	10	14.9	12	18	US-10-257-017B-289319	Sequence 289319,
848	10	14.9	12	18	US-10-257-017B-289324	Sequence 289324,
c 849	10	14.9	12	18	US-10-257-017B-290302	Sequence 290302,
850	10	14.9	12	18	US-10-257-017B-291060	Sequence 291060,
c 851	10	14.9	12	18	US-10-257-017B-291570	Sequence 291570,
852	10	14.9	12	18	US-10-257-017B-291784	Sequence 291784,

853	10	14.9	12	18	US-10-257-017B-292009	Sequence 292009,
854	10	14.9	12	18	US-10-257-017B-292848	Sequence 292848,
c 855	10	14.9	12	18	US-10-257-017B-293030	Sequence 293030,
856	10	14.9	12	18	US-10-257-017B-295652	Sequence 295652,
857	10	14.9	12	18	US-10-257-017B-296194	Sequence 296194,
c 858	10	14.9	12	18	US-10-257-017B-296599	Sequence 296599,
859	10	14.9	12	18	US-10-257-017B-297235	Sequence 297235,
c 860	10	14.9	12	18	US-10-257-017B-298586	Sequence 298586,
c 861	10	14.9	12	18	US-10-257-017B-299074	Sequence 299074,
862	10	14.9	12	18	US-10-257-017B-299468	Sequence 299468,
c 863	10	14.9	12	18	US-10-257-017B-299945	Sequence 299945,
864	10	14.9	12	18	US-10-257-017B-300430	Sequence 300430,
865	10	14.9	12	18	US-10-257-017B-301761	Sequence 301761,
c 866	10	14.9	12	18	US-10-257-017B-302106	Sequence 302106,
c 867	10	14.9	12	18	US-10-257-017B-302471	Sequence 302471,
868	10	14.9	12	18	US-10-257-017B-302684	Sequence 302684,
c 869	10	14.9	12	18	US-10-257-017B-304869	Sequence 304869,
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c 871	10	14.9	12	18	US-10-257-017B-305239	Sequence 305239,
872	10	14.9	12	18	US-10-257-017B-305343	Sequence 305343,
873	10	14.9	12	18	US-10-257-017B-305562	Sequence 305562,
874	10	14.9	12	18	US-10-257-017B-305682	Sequence 305682,
875	10	14.9	12	18	US-10-257-017B-305994	Sequence 305994,
876	10	14.9	12	18	US-10-257-017B-306300	Sequence 306300,
877	10	14.9	12	18	US-10-257-017B-307191	Sequence 307191,
c 878	10	14.9	12	18	US-10-257-017B-307380	Sequence 307380,
c 879	10	14.9	12	18	US-10-257-017B-307410	Sequence 307410,
880	10	14.9	12	18	US-10-257-017B-307446	Sequence 307446,
c 881	10	14.9	12	18	US-10-257-017B-308149	Sequence 308149,
c 882	10	14.9	12	18	US-10-257-017B-308150	Sequence 308150,
c 883	10	14.9	12	18	US-10-257-017B-309622	Sequence 309622,
c 884	10	14.9	12	18	US-10-257-017B-309970	Sequence 309970,
c 885	10	14.9	12	18	US-10-257-017B-309971	Sequence 309971,
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888	10	14.9	12	18	US-10-257-017B-312717	Sequence 312717,
c 889	10	14.9	12	18	US-10-257-017B-313591	Sequence 313591,
c 890	10	14.9	12	18	US-10-257-017B-313673	Sequence 313673,
891	10	14.9	12	18	US-10-257-017B-314603	Sequence 314603,
c 892	10	14.9	12	18	US-10-257-017B-316044	Sequence 316044,
c 893	10	14.9	12	18	US-10-257-017B-316087	Sequence 316087,
894	10	14.9	12	18	US-10-257-017B-316489	Sequence 316489,
c 895	10	14.9	12	18	US-10-257-017B-317884	Sequence 317884,
c 896	10	14.9	12	18	US-10-257-017B-317942	Sequence 317942,
c 897	10	14.9	12	18	US-10-257-017B-317943	Sequence 317943,
898	10	14.9	12	18	US-10-257-017B-318483	Sequence 318483,
899	10	14.9	12	18	US-10-257-017B-318784	Sequence 318784,
c 900	10	14.9	12	18	US-10-257-017B-319401	Sequence 319401,
c 901	10	14.9	12	18	US-10-257-017B-320630	Sequence 320630,
902	10	14.9	12	18	US-10-257-017B-321990	Sequence 321990,
c 903	10	14.9	12	18	US-10-257-017B-322095	Sequence 322095,
904	10	14.9	12	18	US-10-257-017B-322906	Sequence 322906,
905	10	14.9	12	18	US-10-257-017B-323235	Sequence 323235,
906	10	14.9	12	18	US-10-257-017B-323759	Sequence 323759,
c 907	10	14.9	12	18	US-10-257-017B-324045	Sequence 324045,
c 908	10	14.9	12	18	US-10-257-017B-324574	Sequence 324574,
c 909	10	14.9	12	18	US-10-257-017B-324649	Sequence 324649,

c 910	10	14.9	12	18	US-10-257-017B-324678	Sequence 324678,
c 911	10	14.9	12	18	US-10-257-017B-325704	Sequence 325704,
912	10	14.9	12	18	US-10-257-017B-325847	Sequence 325847,
913	10	14.9	12	18	US-10-257-017B-327431	Sequence 327431,
914	10	14.9	12	18	US-10-257-017B-330262	Sequence 330262,
915	10	14.9	12	18	US-10-257-017B-330580	Sequence 330580,
916	10	14.9	12	18	US-10-257-017B-331216	Sequence 331216,
c 917	10	14.9	12	18	US-10-257-017B-332255	Sequence 332255,
c 918	10	14.9	12	18	US-10-257-017B-333353	Sequence 333353,
c 919	10	14.9	12	18	US-10-257-017B-333354	Sequence 333354,
c 920	10	14.9	12	18	US-10-257-017B-334987	Sequence 334987,
921	10	14.9	12	18	US-10-257-017B-335456	Sequence 335456,
922	10	14.9	12	18	US-10-257-017B-336036	Sequence 336036,
923	10	14.9	12	18	US-10-257-017B-336092	Sequence 336092,
924	10	14.9	12	18	US-10-257-017B-336988	Sequence 336988,
c 925	10	14.9	12	18	US-10-257-017B-337403	Sequence 337403,
c 926	10	14.9	12	18	US-10-257-017B-337786	Sequence 337786,
927	10	14.9	12	18	US-10-257-017B-338127	Sequence 338127,
c 928	10	14.9	12	18	US-10-257-017B-338631	Sequence 338631,
c 929	10	14.9	12	18	US-10-257-017B-339381	Sequence 339381,
c 930	10	14.9	12	18	US-10-257-017B-339997	Sequence 339997,
931	10	14.9	12	18	US-10-257-017B-340962	Sequence 340962,
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c 934	10	14.9	12	18	US-10-257-017B-342576	Sequence 342576,
c 935	10	14.9	12	18	US-10-257-017B-343153	Sequence 343153,
c 936	10	14.9	12	18	US-10-257-017B-343677	Sequence 343677,
937	10	14.9	12	18	US-10-257-017B-344482	Sequence 344482,
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c 940	10	14.9	12	18	US-10-257-017B-345715	Sequence 345715,
941	10	14.9	12	18	US-10-257-017B-346026	Sequence 346026,
942	10	14.9	12	18	US-10-257-017B-346153	Sequence 346153,
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948	10	14.9	12	18	US-10-257-017B-347575	Sequence 347575,
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950	10	14.9	12	18	US-10-257-017B-348030	Sequence 348030,
951	10	14.9	12	18	US-10-257-017B-348819	Sequence 348819,
c 952	10	14.9	12	18	US-10-257-017B-349046	Sequence 349046,
953	10	14.9	12	18	US-10-257-017B-349338	Sequence 349338,
c 954	10	14.9	12	18	US-10-257-017B-349381	Sequence 349381,
955	10	14.9	12	18	US-10-257-017B-349754	Sequence 349754,
956	10	14.9	12	18	US-10-257-017B-350056	Sequence 350056,
c 957	10	14.9	12	18	US-10-257-017B-350695	Sequence 350695,
c 958	10	14.9	12	18	US-10-257-017B-351665	Sequence 351665,
959	10	14.9	12	18	US-10-257-017B-351670	Sequence 351670,
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961	10	14.9	12	18	US-10-257-017B-352439	Sequence 352439,
962	10	14.9	12	18	US-10-257-017B-352854	Sequence 352854,
c 963	10	14.9	12	18	US-10-257-017B-353671	Sequence 353671,
c 964	10	14.9	12	18	US-10-257-017B-353980	Sequence 353980,
c 965	10	14.9	12	18	US-10-257-017B-354406	Sequence 354406,
966	10	14.9	12	18	US-10-257-017B-354838	Sequence 354838,

c 967	10	14.9	12	18	US-10-257-017B-354940	Sequence 354940,
968	10	14.9	12	18	US-10-257-017B-355049	Sequence 355049,
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c 970	10	14.9	12	18	US-10-257-017B-356805	Sequence 356805,
971	10	14.9	12	18	US-10-257-017B-356828	Sequence 356828,
c 972	10	14.9	12	18	US-10-257-017B-357267	Sequence 357267,
973	10	14.9	12	18	US-10-257-017B-357365	Sequence 357365,
974	10	14.9	12	18	US-10-257-017B-357833	Sequence 357833,
c 975	10	14.9	12	18	US-10-257-017B-358069	Sequence 358069,
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979	10	14.9	12	18	US-10-257-017B-361425	Sequence 361425,
c 980	10	14.9	12	18	US-10-257-017B-361942	Sequence 361942,
c 981	10	14.9	12	18	US-10-257-017B-362085	Sequence 362085,
c 982	10	14.9	12	18	US-10-257-017B-363041	Sequence 363041,
983	10	14.9	12	18	US-10-257-017B-363273	Sequence 363273,
c 984	10	14.9	12	18	US-10-257-017B-363897	Sequence 363897,
c 985	10	14.9	12	18	US-10-257-017B-363899	Sequence 363899,
986	10	14.9	12	18	US-10-257-017B-364997	Sequence 364997,
c 987	10	14.9	12	18	US-10-257-017B-365450	Sequence 365450,
988	10	14.9	12	18	US-10-257-017B-366252	Sequence 366252,
989	10	14.9	12	18	US-10-257-017B-366676	Sequence 366676,
c 990	10	14.9	12	18	US-10-257-017B-366800	Sequence 366800,
c 991	10	14.9	12	18	US-10-257-017B-368861	Sequence 368861,
992	10	14.9	12	18	US-10-257-017B-369498	Sequence 369498,
993	10	14.9	12	18	US-10-257-017B-369874	Sequence 369874,
994	10	14.9	12	18	US-10-257-017B-370281	Sequence 370281,
c 995	10	14.9	12	18	US-10-257-017B-370765	Sequence 370765,
996	10	14.9	12	18	US-10-257-017B-371166	Sequence 371166,
997	10	14.9	12	18	US-10-257-017B-371198	Sequence 371198,
c 998	10	14.9	12	18	US-10-257-017B-371383	Sequence 371383,
c 999	10	14.9	12	18	US-10-257-017B-373008	Sequence 373008,
c1000	10	14.9	12	18	US-10-257-017B-374140	Sequence 374140,

ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 127.513 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-1
Perfect score: 171
Sequence: 1 tttcccaacttcggtataa.....atctagttttgaatgtataa 171

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result			%		Query		ID	Description
	No.	Score	Match	Length	DB			
c	1	171	100.0	400	4	US-08-956-171E-3719	Sequence 3719, Ap	
c	2	171	100.0	400	4	US-08-956-171E-3748	Sequence 3748, Ap	
c	3	171	100.0	400	4	US-08-956-171E-3803	Sequence 3803, Ap	
c	4	171	100.0	400	4	US-08-781-986A-3719	Sequence 3719, Ap	
c	5	171	100.0	400	4	US-08-781-986A-3748	Sequence 3748, Ap	
c	6	171	100.0	400	4	US-08-781-986A-3803	Sequence 3803, Ap	
c	7	171	100.0	587	4	US-08-956-171E-3554	Sequence 3554, Ap	
c	8	171	100.0	587	4	US-08-781-986A-3554	Sequence 3554, Ap	
c	9	171	100.0	15249	4	US-08-956-171E-102	Sequence 102, App	
c	10	171	100.0	15249	4	US-08-781-986A-102	Sequence 102, App	
	11	171	100.0	30246	4	US-08-956-171E-56	Sequence 56, Appl	

	12	171	100.0	30246	4	US-08-781-986A-56	Sequence 56, Appl
c	13	170	99.4	400	4	US-08-956-171E-3700	Sequence 3700, Ap
c	14	170	99.4	400	4	US-08-781-986A-3700	Sequence 3700, Ap
c	15	169.4	99.1	400	4	US-08-956-171E-3638	Sequence 3638, Ap
c	16	169.4	99.1	400	4	US-08-781-986A-3638	Sequence 3638, Ap
c	17	168.4	98.5	400	4	US-08-956-171E-3768	Sequence 3768, Ap
c	18	168.4	98.5	400	4	US-08-781-986A-3768	Sequence 3768, Ap
c	19	167.4	97.9	458	4	US-08-956-171E-3757	Sequence 3757, Ap
c	20	167.4	97.9	458	4	US-08-781-986A-3757	Sequence 3757, Ap
	21	164.6	96.3	400	4	US-08-956-171E-3708	Sequence 3708, Ap
	22	164.6	96.3	400	4	US-08-781-986A-3708	Sequence 3708, Ap
c	23	163.6	95.7	6591	4	US-08-956-171E-3114	Sequence 3114, Ap
c	24	163.6	95.7	6591	4	US-08-781-986A-3114	Sequence 3114, Ap
c	25	161.2	94.3	340	4	US-08-956-171E-4195	Sequence 4195, Ap
c	26	161.2	94.3	340	4	US-08-781-986A-4195	Sequence 4195, Ap
c	27	159	93.0	400	4	US-08-956-171E-3738	Sequence 3738, Ap
c	28	159	93.0	400	4	US-08-781-986A-3738	Sequence 3738, Ap
c	29	159	93.0	425	4	US-08-956-171E-3714	Sequence 3714, Ap
c	30	159	93.0	425	4	US-08-781-986A-3714	Sequence 3714, Ap
	31	156	91.2	840	4	US-08-956-171E-508	Sequence 508, App
	32	156	91.2	840	4	US-08-781-986A-508	Sequence 508, App
c	33	154	90.1	400	4	US-08-956-171E-3611	Sequence 3611, Ap
c	34	154	90.1	400	4	US-08-956-171E-3634	Sequence 3634, Ap
c	35	154	90.1	400	4	US-08-781-986A-3611	Sequence 3611, Ap
c	36	154	90.1	400	4	US-08-781-986A-3634	Sequence 3634, Ap
c	37	145.4	85.0	386	4	US-08-956-171E-4064	Sequence 4064, Ap
c	38	145.4	85.0	386	4	US-08-781-986A-4064	Sequence 4064, Ap
	39	143.4	83.9	2209	4	US-08-956-171E-3552	Sequence 3552, Ap
	40	143.4	83.9	2209	4	US-08-781-986A-3552	Sequence 3552, Ap
	41	140.8	82.3	400	4	US-08-956-171E-3858	Sequence 3858, Ap
	42	140.8	82.3	400	4	US-08-781-986A-3858	Sequence 3858, Ap
c	43	140.2	82.0	400	4	US-08-956-171E-3934	Sequence 3934, Ap
c	44	140.2	82.0	400	4	US-08-781-986A-3934	Sequence 3934, Ap
c	45	138.6	81.1	400	4	US-08-956-171E-3866	Sequence 3866, Ap

ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 2177.85 Seconds
(without alignments)
1121.045 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3658

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_htc:*
4: gb_est3:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_gss1:*
9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result			%		Query				ID	Description
	No.	Score	Match	Length	DB					
	1	16	23.9	91	1	AU013220			AU013220	AU013220
c	2	15	22.4	56	7	CF358645			CF358645	rl49b07.y
	3	15	22.4	58	1	AJ707678			AJ707678	AJ707678
c	4	15	22.4	63	1	AI472454			AI472454	tl77a11.x
c	5	15	22.4	65	1	AA663663			AA663663	ae72b03.s
c	6	15	22.4	73	1	AI459640			AI459640	ar83g02.x
	7	15	22.4	75	2	BF643652			BF643652	NF005A04E
c	8	15	22.4	76	1	AI365309			AI365309	qx65f05.x
c	9	15	22.4	77	9	CG605525			CG605525	OST282231

c	10	15	22.4	90	1	AI656705	AI656705	tt47d12.x
c	11	15	22.4	98	1	AI640370	AI640370	tz70a03.x
	12	14	20.9	35	8	AZ484761	AZ484761	1M0311024
	13	14	20.9	56	5	BQ386892	BQ386892	NISC_mn20
c	14	14	20.9	69	1	AU258735	AU258735	AU258735
	15	14	20.9	82	9	CG696068	CG696068	BARC_BFGL
	16	14	20.9	92	7	D20580	D20580	HUMGS01555
c	17	14	20.9	93	9	CR055127	CR055127	Reverse s
	18	13	19.4	28	1	AU254524	AU254524	AU254524
	19	13	19.4	28	7	D18236	D18236	MUSGS00515
	20	13	19.4	42	8	AZ618672	AZ618672	1M0450G08
c	21	13	19.4	52	7	CN754704	CN754704	ID0AAA13D
	22	13	19.4	57	1	AA422578	AA422578	vf15a05.s
c	23	13	19.4	57	7	CK122612	CK122612	BES182410
c	24	13	19.4	57	8	AZ767277	AZ767277	1M0566C22
	25	13	19.4	58	1	AU255999	AU255999	AU255999
c	26	13	19.4	59	1	AI719267	AI719267	as45e01.x
c	27	13	19.4	59	8	BH861600	BH861600	SALK_0875
c	28	13	19.4	62	1	AA781053	AA781053	aj10f11.s
	29	13	19.4	63	8	BZ770283	BZ770283	SALK_1432
	30	13	19.4	64	9	CG646023	CG646023	OST391356
	31	13	19.4	66	7	CN565030	CN565030	tag23e01.
	32	13	19.4	67	6	CA333624	CA333624	haa87b11.
	33	13	19.4	68	1	AA656750	AA656750	vr50b06.s
	34	13	19.4	68	7	D82238	D82238	HUMHBC4676
	35	13	19.4	68	9	CR405465	CR405465	Arabidops
c	36	13	19.4	71	9	AL948795	AL948795	Arabidops
c	37	13	19.4	71	9	BX240682	BX240682	Danio rer
	38	13	19.4	72	4	BI260363	BI260363	602969412
c	39	13	19.4	72	9	AJ592276	AJ592276	Arabidops
c	40	13	19.4	72	9	AL759353	AL759353	Arabidops
	41	13	19.4	73	7	CO067800	CO067800	Mdfirt3028
	42	13	19.4	74	9	AL946921	AL946921	Arabidops
	43	13	19.4	76	8	BZ355700	BZ355700	SALK_1273
	44	13	19.4	77	8	AZ620763	AZ620763	1M0453D09
c	45	13	19.4	78	1	AU266616	AU266616	AU266616
c	46	13	19.4	78	9	CG669800	CG669800	OST467104
c	47	13	19.4	80	7	CN572484	CN572484	rf55f04.x
	48	13	19.4	81	6	CF044632	CF044632	QCJ31e09.
	49	13	19.4	82	4	BM180281	BM180281	daj87g01.
c	50	13	19.4	82	9	CL529478	CL529478	HIV43C07.
c	51	13	19.4	84	5	BP049384	BP049384	BP049384
	52	13	19.4	84	9	BX285269	BX285269	Arabidops
	53	13	19.4	84	9	CR398339	CR398339	Arabidops
c	54	13	19.4	85	1	AI477927	AI477927	fb49b10.x
	55	13	19.4	85	6	CA330259	CA330259	hab03d07.
c	56	13	19.4	85	6	CF269679	CF269679	Fcylcold8
c	57	13	19.4	85	7	CK108098	CK108098	G097P08 P
	58	13	19.4	85	9	AL758242	AL758242	Arabidops
	59	13	19.4	87	6	CD961625	CD961625	SDK_163 G
	60	13	19.4	87	9	BX243000	BX243000	Danio rer
c	61	13	19.4	89	4	BM436118	BM436118	1Ru21C6.a
	62	13	19.4	91	7	D18617	D18617	MUSGS01678
c	63	13	19.4	91	8	AZ583129	AZ583129	1M0376E22
c	64	13	19.4	93	4	BM191542	BM191542	daj87g01.
c	65	13	19.4	93	9	CC793340	CC793340	SALK_0135
	66	13	19.4	95	5	BX312641	BX312641	BX312641

c	67	13	19.4	95	8	AZ769467	AZ769467	1M0570009
c	68	13	19.4	96	6	CB297541	CB297541	12B22017_
c	69	13	19.4	97	4	BI703462	BI703462	fs89b09.x
	70	13	19.4	97	7	CN749677	CN749677	ApAL3SD-X
	71	13	19.4	97	8	AZ583446	AZ583446	1M0378E05
	72	13	19.4	97	9	AL771665	AL771665	Arabidops
c	73	13	19.4	99	2	AW150368	AW150368	xg50e05.x
	74	13	19.4	99	9	TA142E01P	AL466934	T. brucei
	75	13	19.4	100	1	AV772557	AV772557	AV772557
	76	13	19.4	100	2	AW847000	AW847000	RC1-CT019
c	77	13	19.4	100	8	BH902991	BH902991	SALK_1016
	78	13	19.4	100	9	TA392E01Q	AL498251	T. brucei
c	79	12	17.9	26	9	TA339E12P	AL497414	T. brucei
c	80	12	17.9	27	1	AU264557	AU264557	AU264557
	81	12	17.9	29	7	D25656	D25656	HUMGS04014
	82	12	17.9	30	1	AU254675	AU254675	AU254675
	83	12	17.9	30	7	D19146	D19146	MUSGS01366
	84	12	17.9	30	9	TA115D02P	AL462830	T. brucei
	85	12	17.9	33	1	AU267504	AU267504	AU267504
	86	12	17.9	35	8	BH814520	BH814520	SALK_0665
c	87	12	17.9	37	1	AA588156	AA588156	nm99c11.s
	88	12	17.9	38	9	AG188555	AG188555	Pan trogl
c	89	12	17.9	40	1	AI194839	AI194839	ui57d09.x
	90	12	17.9	40	1	AA237443	AA237443	mw95e01.r
c	91	12	17.9	42	6	C00698	C00698	HUMGS000825
c	92	12	17.9	42	6	C21090	C21090	HUMGS000260
c	93	12	17.9	42	9	CL437544	CL437544	PST5826-N
	94	12	17.9	43	6	C01095	C01095	HUMGS000775
	95	12	17.9	43	9	PCH303599	AJ303599	Plasmodiu
c	96	12	17.9	44	1	AU257585	AU257585	AU257585
c	97	12	17.9	46	1	AI085448	AI085448	ow85a04.s
c	98	12	17.9	46	9	CR298021	CR298021	Medicago
	99	12	17.9	48	8	BH901632	BH901632	SALK_0834
	100	12	17.9	49	8	BZ660897	BZ660897	SALK_0243
	101	12	17.9	49	9	CL522438	CL522438	DAK2G12 F
	102	12	17.9	49	9	CL522924	CL522924	DAK7G08 F
c	103	12	17.9	50	1	AU107018	AU107018	AU107018
c	104	12	17.9	50	1	AU107019	AU107019	AU107019
c	105	12	17.9	50	8	AZ512131	AZ512131	1M0357C05
c	106	12	17.9	50	9	AJ591147	AJ591147	Arabidops
	107	12	17.9	50	9	TA120E02Q	AL462896	T. brucei
c	108	12	17.9	51	8	AZ445438	AZ445438	1M0241C13
c	109	12	17.9	51	8	BZ770486	BZ770486	SALK_1434
	110	12	17.9	51	9	CC886839	CC886839	SALK_1491
c	111	12	17.9	52	8	AZ784267	AZ784267	2M0026I23
	112	12	17.9	52	8	B03289	B03289	cSRL-174F6-
c	113	12	17.9	52	8	BH908628	BH908628	SALK_0497
c	114	12	17.9	53	1	AA911274	AA911274	oe75c03.s
	115	12	17.9	53	5	BQ088956	BQ088956	ko31d05.y
	116	12	17.9	53	5	BQ088957	BQ088957	ko31d06.y
	117	12	17.9	53	5	BQ089265	BQ089265	ko24a06.y
c	118	12	17.9	53	8	BH847876	BH847876	SALK_0606
	119	12	17.9	54	9	TA280E07P	AL487062	T. brucei
	120	12	17.9	55	1	AA511976	AA511976	vj41c02.r
	121	12	17.9	55	2	AW079030	AW079030	xb46c06.x
c	122	12	17.9	55	4	BG272415	BG272415	nah30b09.
	123	12	17.9	55	4	BM505349	BM505349	ig93f05.x

124	12	17.9	55	6	C00381	C00381 HUMGS000398
c 125	12	17.9	56	6	CD711829	CD711829 VVC021A03
126	12	17.9	56	9	TA125G09P	AL463208 T. brucei
c 127	12	17.9	57	4	BG060446	BG060446 L0903B02-
c 128	12	17.9	57	7	N67379	N67379 yz50h06.s1
c 129	12	17.9	57	9	AL764674	AL764674 Arabidops
c 130	12	17.9	57	9	BX654864	BX654864 Arabidops
131	12	17.9	58	8	AZ783415	AZ783415 2M0025B11
132	12	17.9	58	9	DR40C16S	AL980176 Danio rer
c 133	12	17.9	59	1	AA026246	AA026246 zj99a03.s
134	12	17.9	59	1	AI049592	AI049592 an34d11.x
c 135	12	17.9	59	1	AI815945	AI815945 au43h09.x
136	12	17.9	59	2	BE916921	BE916921 601666463
137	12	17.9	59	4	BI396668	BI396668 ro60b04.y
138	12	17.9	60	8	B05620	B05620 cSRL-68d11-
139	12	17.9	60	9	CR238726	CR238726 Reverse s
c 140	12	17.9	61	4	BM116023	BM116023 L0829C12-
141	12	17.9	62	4	BI654921	BI654921 603282875
142	12	17.9	62	5	BQ089422	BQ089422 ko26e11.y
143	12	17.9	62	6	CB099379	CB099379 ks09h04.y
c 144	12	17.9	62	9	DR39E13T	AL977649 Danio rer
145	12	17.9	63	6	CB724894	CB724894 EST0859 R
c 146	12	17.9	63	6	CB915296	CB915296 VVD120C10
c 147	12	17.9	63	6	CD919707	CD919707 G608.114E
c 148	12	17.9	63	9	BX651342	BX651342 Arabidops
149	12	17.9	63	9	CC886837	CC886837 SALK_1491
c 150	12	17.9	64	1	AA780922	AA780922 ag99a08.s
c 151	12	17.9	64	1	AA107029	AA107029 ml92e09.r
c 152	12	17.9	64	2	BE638270	BE638270 SWOvmfCAR
153	12	17.9	64	2	BF154395	BF154395 SWOvL3CAN
c 154	12	17.9	64	4	BG146813	BG146813 mab93e08.
c 155	12	17.9	64	4	BI792455	BI792455 ic30g08.x
c 156	12	17.9	65	7	CR447061	CR447061 CR447061
157	12	17.9	65	8	BH900870	BH900870 KG02348-5
c 158	12	17.9	65	9	BX893872	BX893872 Arabidops
c 159	12	17.9	66	1	AA170728	AA170728 ms70e11.r
c 160	12	17.9	67	4	BG151804	BG151804 nag64g03.
c 161	12	17.9	67	9	BX892800	BX892800 Arabidops
c 162	12	17.9	68	7	T25063	T25063 EST638 Huma
c 163	12	17.9	68	8	AZ575904	AZ575904 AST-T22B0
164	12	17.9	69	1	AI318263	AI318263 tb03b11.x
c 165	12	17.9	69	5	BU964827	BU964827 sat03b10.
166	12	17.9	69	9	BX654962	BX654962 Arabidops
c 167	12	17.9	70	1	AA908282	AA908282 og33e02.s
168	12	17.9	70	4	BI749415	BI749415 ro77g11.y
169	12	17.9	70	7	CN760952	CN760952 ID0AAA29D
170	12	17.9	70	7	H18107	H18107 yn47e04.s1
171	12	17.9	70	8	AZ603142	AZ603142 1M0422H16
c 172	12	17.9	70	9	AL764786	AL764786 Arabidops
c 173	12	17.9	71	4	BG552934	BG552934 dab81f09.
c 174	12	17.9	71	9	BX289223	BX289223 Arabidops
175	12	17.9	71	9	CG598962	CG598962 OST265039
c 176	12	17.9	72	1	AA876305	AA876305 oj14h03.s
c 177	12	17.9	72	1	AA155462	AA155462 mr81c03.r
178	12	17.9	72	4	BI748898	BI748898 ro83e03.y
c 179	12	17.9	72	9	CR053323	CR053323 Forward s
c 180	12	17.9	73	1	AI440176	AI440176 ti57d12.x

181	12	17.9	73	2	AW499101	AW499101	SWOvAFCAP
c 182	12	17.9	73	6	C00400	C00400	HUMGS000491
c 183	12	17.9	73	7	CK725752	CK725752	SWWbL3CAW
c 184	12	17.9	74	5	BU834399	BU834399	T060F11 P
185	12	17.9	74	9	CR396161	CR396161	Arabidops
c 186	12	17.9	75	1	AL970072	AL970072	AL970072
187	12	17.9	75	4	BI704153	BI704153	ro62g07.y
188	12	17.9	75	7	CN003562	CN003562	ip18b11.g
189	12	17.9	75	9	CR141860	CR141860	Reverse s
190	12	17.9	75	9	CR395116	CR395116	Arabidops
c 191	12	17.9	76	5	BP135565	BP135565	BP135565
c 192	12	17.9	76	9	AL769522	AL769522	Arabidops
193	12	17.9	77	1	AU258745	AU258745	AU258745
c 194	12	17.9	77	1	AV777823	AV777823	AV777823
195	12	17.9	77	2	BF318696	BF318696	uy05a06.y
c 196	12	17.9	77	5	BU832800	BU832800	T038D05 P
c 197	12	17.9	77	9	BX892198	BX892198	Arabidops
c 198	12	17.9	78	2	AW569056	AW569056	si74h08.y
199	12	17.9	78	8	BZ352935	BZ352935	SALK_1195
200	12	17.9	78	8	BZ352936	BZ352936	SALK_1195
201	12	17.9	78	8	BZ763692	BZ763692	SALK_1211
202	12	17.9	78	9	CR395115	CR395115	Arabidops
203	12	17.9	79	1	AJ705221	AJ705221	AJ705221
204	12	17.9	79	5	BQ265879	BQ265879	NISC_ff09
c 205	12	17.9	79	7	CF800333	CF800333	RpL3i-X-A
c 206	12	17.9	79	9	CR133934	CR133934	Forward s
207	12	17.9	80	1	AA237863	AA237863	mx77b10.r
c 208	12	17.9	80	2	BE845192	BE845192	AD08B10T7
c 209	12	17.9	80	5	BQ090230	BQ090230	rc63b02.y
210	12	17.9	80	7	D12253	D12253	HUM000S416
c 211	12	17.9	80	8	AZ799263	AZ799263	2M0056F03
c 212	12	17.9	80	9	BX289643	BX289643	Arabidops
c 213	12	17.9	80	9	CR403882	CR403882	Arabidops
c 214	12	17.9	81	1	AI970603	AI970603	wr13a04.x
215	12	17.9	81	1	AV966681	AV966681	AV966681
216	12	17.9	81	1	AA422715	AA422715	vd29a06.s
c 217	12	17.9	81	6	CD285982	CD285982	10_B10.ab
c 218	12	17.9	81	6	CD749555	CD749555	rd58h07.y
219	12	17.9	81	6	CD914692	CD914692	G550.123K
220	12	17.9	81	8	AZ318339	AZ318339	1M0037D06
221	12	17.9	82	2	AW279491	AW279491	sf90c07.y
c 222	12	17.9	82	2	BE646008	BE646008	7e79e09.x
c 223	12	17.9	82	8	AZ790400	AZ790400	2M0038H19
c 224	12	17.9	82	8	AZ803152	AZ803152	2M0063F21
225	12	17.9	82	8	BH614963	BH614963	KG02316-5
c 226	12	17.9	83	1	AI140294	AI140294	qa36e08.x
c 227	12	17.9	83	1	AI286225	AI286225	qi02e11.x
228	12	17.9	83	1	AI505128	AI505128	vq69g02.x
229	12	17.9	83	4	BI558690	BI558690	603241405
230	12	17.9	83	7	CN772916	CN772916	tae01d12.
231	12	17.9	83	8	BZ662635	BZ662635	SALK_0261
232	12	17.9	84	5	BM928905	BM928905	XLTC023
c 233	12	17.9	84	9	AL946343	AL946343	Arabidops
234	12	17.9	85	2	AW721809	AW721809	SWYD25CAU
235	12	17.9	86	1	AA708191	AA708191	zj76f11.s
236	12	17.9	86	1	AA422548	AA422548	vf14d02.s
237	12	17.9	87	1	AV536267	AV536267	AV536267

238	12	17.9	87	1	AV966913	AV966913	AV966913
239	12	17.9	88	1	AI116094	AI116094	uc16b01.r
240	12	17.9	88	9	AJ600566	AJ600566	Arabidops
241	12	17.9	89	1	AI616217	AI616217	vr52h08.x
c 242	12	17.9	89	2	BF536807	BF536807	602049291
c 243	12	17.9	89	4	BG791567	BG791567	UTSW_H13D
c 244	12	17.9	89	9	BX572507	BX572507	Arabidops
245	12	17.9	89	9	BX654832	BX654832	Arabidops
c 246	12	17.9	89	9	BX895901	BX895901	Arabidops
c 247	12	17.9	89	9	CC793662	CC793662	SALK_0171
c 248	12	17.9	89	9	CC886334	CC886334	SALK_1484
249	12	17.9	90	1	AU254280	AU254280	AU254280
250	12	17.9	90	8	BH614718	BH614718	7k11 LL18
c 251	12	17.9	90	8	BZ660533	BZ660533	SALK_0239
252	12	17.9	90	9	CC796457	CC796457	SALK_1318
253	12	17.9	90	9	CG481239	CG481239	OST13562
254	12	17.9	91	1	AA853131	AA853131	NHTBCae03
255	12	17.9	91	1	AJ397238	AJ397238	AJ397238
c 256	12	17.9	91	1	AV960535	AV960535	AV960535
257	12	17.9	91	5	BQ382501	BQ382501	kk51e02.y
258	12	17.9	91	5	BQ475033	BQ475033	carabus2f
259	12	17.9	91	9	CR356454	CR356454	Arabidops
c 260	12	17.9	91	9	CG474293	CG474293	OST2219 M
c 261	12	17.9	91	9	CG483027	CG483027	OST16418
c 262	12	17.9	91	9	CG487300	CG487300	OST22762
c 263	12	17.9	91	9	CG488736	CG488736	OST24771
c 264	12	17.9	92	1	AA853130	AA853130	NHTBCae03
c 265	12	17.9	92	1	AI680319	AI680319	tw62d06.x
266	12	17.9	92	1	AJ301305	AJ301305	AJ301305
c 267	12	17.9	92	4	BG108835	BG108835	HRPE1166
268	12	17.9	92	4	BG151761	BG151761	nag64b04.
c 269	12	17.9	92	6	CB218737	CB218737	NISC_nb10
c 270	12	17.9	93	1	AA947462	AA947462	ok20f05.s
c 271	12	17.9	93	6	CA803817	CA803817	ESG0110d.
c 272	12	17.9	93	9	BX960103	BX960103	Forward s
c 273	12	17.9	94	2	AW244046	AW244046	xa50c03.x
c 274	12	17.9	94	2	AW571924	AW571924	xx41h07.x
275	12	17.9	94	8	AQ810493	AQ810493	5CDG268 C
c 276	12	17.9	94	8	BH910288	BH910288	SALK_0587
c 277	12	17.9	95	1	AA511498	AA511498	vj28a04.r
278	12	17.9	95	2	BF634766	BF634766	NF069F12D
c 279	12	17.9	95	7	CN850462	CN850462	000918AAF
c 280	12	17.9	95	7	CO516070	CO516070	s13dSG64G
281	12	17.9	95	7	CR393858	CR393858	CR393858
c 282	12	17.9	95	7	T17613	T17613	mps v367 Th
283	12	17.9	96	5	BQ442058	BQ442058	Fr 98/99
284	12	17.9	96	6	CB934747	CB934747	laa43f05.
c 285	12	17.9	96	7	CN851194	CN851194	001001AAF
286	12	17.9	96	7	CO582119	CO582119	ILLUMIGEN
c 287	12	17.9	96	7	R84882	R84882	yq27g03.r1
288	12	17.9	96	8	CC457346	CC457346	SALK_1092
289	12	17.9	96	9	CG651262	CG651262	OST411993
c 290	12	17.9	97	1	AI471280	AI471280	tm09d11.x
291	12	17.9	97	8	AZ437638	AZ437638	1M0226J10
292	12	17.9	97	8	BZ378901	BZ378901	SALK_1121
c 293	12	17.9	97	9	BX895902	BX895902	Arabidops
c 294	12	17.9	98	1	AA762980	AA762980	vw58e02.r

c 295	12	17.9	98	1	AA629921	AA629921	ad45f02.s
296	12	17.9	98	2	AW337410	AW337410	xx56d04.x
c 297	12	17.9	98	7	CN850868	CN850868	001001AAF
c 298	12	17.9	98	7	CN852083	CN852083	020812AAF
c 299	12	17.9	98	8	AZ345645	AZ345645	1M0080K19
300	12	17.9	98	9	CR073384	CR073384	Forward s
c 301	12	17.9	99	1	AA771342	AA771342	vm43c07.r
302	12	17.9	99	1	AI707833	AI707833	as25e11.x
303	12	17.9	99	2	BF580578	BF580578	602097387
c 304	12	17.9	99	4	BG236505	BG236505	nai44c09.
305	12	17.9	99	4	BG894372	BG894372	rk51h04.y
306	12	17.9	99	5	BQ089393	BQ089393	ko26a08.y
307	12	17.9	99	6	CB220615	CB220615	1Abo24D05
c 308	12	17.9	99	7	CF350660	CF350660	rl53f07.y
309	12	17.9	99	8	AZ807257	AZ807257	2M0070B01
c 310	12	17.9	99	9	AL769171	AL769171	Arabidops
311	12	17.9	99	9	CL308965	CL308965	03S0472-1
312	12	17.9	100	1	AJ399086	AJ399086	AJ399086
c 313	12	17.9	100	1	AL506210	AL506210	AL506210
314	12	17.9	100	1	AA623836	AA623836	vq69g02.s
315	12	17.9	100	2	BF664362	BF664362	602146021
316	12	17.9	100	2	BE619777	BE619777	601472988
317	12	17.9	100	5	BP427302	BP427302	BP427302
c 318	12	17.9	100	5	BP725247	BP725247	BP725247
319	12	17.9	100	7	CF475037	CF475037	RTWW2_5_G
320	11	16.4	21	1	AU258344	AU258344	AU258344
321	11	16.4	23	9	AJ587964	AJ587964	Arabidops
c 322	11	16.4	24	8	AZ642209	AZ642209	1M0505E12
c 323	11	16.4	24	8	BH864184	BH864184	SALK_0955
324	11	16.4	25	6	C00789	C00789	HUMGS000262
325	11	16.4	25	8	AZ345473	AZ345473	1M0080P08
c 326	11	16.4	27	6	C00742	C00742	HUMGS000830
327	11	16.4	27	6	C01445	C01445	HUMGS000843
328	11	16.4	27	6	CD576920	CD576920	21_B03_21
c 329	11	16.4	27	8	AZ949222	AZ949222	2M0212A12
c 330	11	16.4	27	8	AZ970619	AZ970619	2M0243M18
331	11	16.4	29	8	BZ664363	BZ664363	SALK_0706
c 332	11	16.4	29	9	CG711811	CG711811	1119022H0
333	11	16.4	30	9	AJ587107	AJ587107	Arabidops
c 334	11	16.4	32	8	AZ581933	AZ581933	1M0374F11
335	11	16.4	33	1	AU254805	AU254805	AU254805
c 336	11	16.4	33	8	BH863245	BH863245	SALK_0934
337	11	16.4	34	1	AA972865	AA972865	op20g03.s
c 338	11	16.4	34	8	AZ769368	AZ769368	1M0569022
c 339	11	16.4	34	8	BH791084	BH791084	SALK_0587
c 340	11	16.4	34	9	CC795019	CC795019	SALK_0613
c 341	11	16.4	35	8	AZ655091	AZ655091	1M0529D21
c 342	11	16.4	36	9	AG193844	AG193844	Pan trogl
343	11	16.4	37	1	AU258666	AU258666	AU258666
c 344	11	16.4	39	1	AV833438	AV833438	AV833438
345	11	16.4	39	9	AL948203	AL948203	Arabidops
c 346	11	16.4	39	9	CR360589	CR360589	Arabidops
347	11	16.4	40	8	BZ588133	BZ588133	3590_1_5_
348	11	16.4	41	8	AZ310071	AZ310071	1M0018G17
349	11	16.4	41	8	AZ588779	AZ588779	1M0397P15
350	11	16.4	41	9	BX654187	BX654187	Arabidops
c 351	11	16.4	41	9	CG778199	CG778199	1123026G0

352	11	16.4	42	6	C21085	C21085 HUMGS000260
353	11	16.4	42	8	BZ664437	BZ664437 SALK_0712
354	11	16.4	42	9	CC795164	CC795164 SALK_0711
355	11	16.4	42	9	CC885717	CC885717 SALK_1477
c 356	11	16.4	43	9	TA313D07Q	AL490235 T. brucei
357	11	16.4	44	8	BH906436	BH906436 SALK_1099
358	11	16.4	45	8	BZ763082	BZ763082 SALK_1119
359	11	16.4	45	9	AJ588786	AJ588786 Arabidops
360	11	16.4	46	1	AU255065	AU255065 AU255065
c 361	11	16.4	46	8	BH901189	BH901189 SALK_0735
362	11	16.4	47	1	AU255595	AU255595 AU255595
363	11	16.4	47	9	BX652094	BX652094 Arabidops
364	11	16.4	49	1	AA699360	AA699360 zi33a06.s
c 365	11	16.4	49	1	AI279722	AI279722 ql53g01.x
366	11	16.4	49	1	AU258981	AU258981 AU258981
367	11	16.4	49	8	BH621371	BH621371 1007120E0
c 368	11	16.4	49	8	BH790230	BH790230 SALK_0566
369	11	16.4	49	9	BX949492	BX949492 Arabidops
370	11	16.4	50	1	AU102849	AU102849 AU102849
c 371	11	16.4	50	1	AU104916	AU104916 AU104916
c 372	11	16.4	50	6	CB219486	CB219486 vaa06e10.
c 373	11	16.4	50	6	CD744647	CD744647 IRB16_G02
374	11	16.4	50	8	AZ510070	AZ510070 1M0354L14
375	11	16.4	50	8	BH230218	BH230218 1006156G0
376	11	16.4	50	8	BH642560	BH642560 1008041G0
377	11	16.4	50	8	BH812244	BH812244 SALK_0614
378	11	16.4	50	8	BH903784	BH903784 SALK_1033
c 379	11	16.4	50	9	CC795807	CC795807 SALK_0883
c 380	11	16.4	51	2	BE978061	BE978061 bs73c08.y
c 381	11	16.4	51	4	BJ064587	BJ064587 BJ064587
c 382	11	16.4	51	8	AZ310570	AZ310570 1M0025P06
383	11	16.4	52	4	BI476972	BI476972 daa87b05.
384	11	16.4	52	7	CN566433	CN566433 taf92e03.
385	11	16.4	52	9	AJ594763	AJ594763 Arabidops
386	11	16.4	52	9	CR091731	CR091731 Forward s
387	11	16.4	53	1	AU256686	AU256686 AU256686
388	11	16.4	53	1	AV856293	AV856293 AV856293
389	11	16.4	53	7	CN922426	CN922426 000410AEL
390	11	16.4	53	7	N63357	N63357 yz34d12.s1
c 391	11	16.4	53	9	CC796853	CC796853 SALK_1441
c 392	11	16.4	54	8	BH632003	BH632003 1007093D1
393	11	16.4	54	8	BH846951	BH846951 SALK_0121
c 394	11	16.4	54	8	BZ381447	BZ381447 SALK_1167
c 395	11	16.4	54	9	AL752555	AL752555 Arabidops
c 396	11	16.4	55	8	BH863820	BH863820 SALK_0946
397	11	16.4	55	8	BH908932	BH908932 SALK_0513
c 398	11	16.4	55	8	BZ596362	BZ596362 SALK_0924
c 399	11	16.4	55	9	DME545268	AJ545268 Drosophil
c 400	11	16.4	55	9	DME547482	AJ547482 Drosophil
401	11	16.4	56	1	AA761128	AA761128 nz11e03.s
c 402	11	16.4	56	4	BG731277	BG731277 dae13a09.
403	11	16.4	56	5	BU441451	BU441451 604143441
c 404	11	16.4	56	7	CF358797	CF358797 rl50h06.y
405	11	16.4	56	8	AZ495431	AZ495431 1M0331C20
c 406	11	16.4	56	8	BH908897	BH908897 SALK_0511
407	11	16.4	56	8	BZ593248	BZ593248 SALK_0682
408	11	16.4	56	8	BZ770420	BZ770420 SALK_1433

c 409	11	16.4	56	9	CR178198	CR178198 Forward s
c 410	11	16.4	57	2	AW059789	AW059789 LE5f05.yg
c 411	11	16.4	57	4	BI745330	BI745330 rk99b01.y
412	11	16.4	57	4	BM873976	BM873976 laa10c06.
413	11	16.4	57	6	CB064615	CB064615 py10c02.y
414	11	16.4	57	7	D18197	D18197 MUSGS00466
415	11	16.4	57	8	BZ356582	BZ356582 SALK_1293
c 416	11	16.4	57	9	BX946193	BX946193 Arabidops
417	11	16.4	57	9	CG732055	CG732055 1119145H1
c 418	11	16.4	58	1	AI276472	AI276472 ql71c10.x
419	11	16.4	58	1	AI907115	AI907115 RC-BT132-
420	11	16.4	58	1	AI941369	AI941369 sc12d01.y
c 421	11	16.4	58	2	AW513497	AW513497 xo46b05.x
c 422	11	16.4	58	4	BI327689	BI327689 602979808
c 423	11	16.4	58	5	BX764213	BX764213 BX764213
424	11	16.4	58	6	CB374637	CB374637 ru62c08.y
c 425	11	16.4	58	8	BH862725	BH862725 SALK_0903
426	11	16.4	59	1	AA590271	AA590271 vm19e07.r
c 427	11	16.4	59	2	AW059752	AW059752 LE3c09.yg
428	11	16.4	59	7	D20637	D20637 HUMGS01612
c 429	11	16.4	59	8	BZ596027	BZ596027 SALK_0906
430	11	16.4	59	9	CR404318	CR404318 Arabidops
c 431	11	16.4	60	1	AI682494	AI682494 wc54a08.x
c 432	11	16.4	60	1	AV773691	AV773691 AV773691
433	11	16.4	60	2	AW248714	AW248714 2820821.3
434	11	16.4	60	8	AZ458010	AZ458010 1M0261K07
c 435	11	16.4	60	8	BH811803	BH811803 SALK_0601
c 436	11	16.4	60	8	BZ355564	BZ355564 SALK_1269
437	11	16.4	60	9	BX895086	BX895086 Arabidops
438	11	16.4	60	9	CR401154	CR401154 Arabidops
439	11	16.4	61	1	AA666998	AA666998 vq87h06.r
c 440	11	16.4	61	1	AA910977	AA910977 ok67c08.s
441	11	16.4	61	1	AI048749	AI048749 ub32a04.r
442	11	16.4	61	1	AI086242	AI086242 ox11g12.s
443	11	16.4	61	1	AI571504	AI571504 tr85a04.x
c 444	11	16.4	61	1	AI829969	AI829969 wj85b06.x
445	11	16.4	61	6	CF050608	CF050608 QCM14h08.
446	11	16.4	61	6	CF054065	CF054065 QCN24e02.
447	11	16.4	61	9	AJ593955	AJ593955 Arabidops
448	11	16.4	61	9	AJ599061	AJ599061 Arabidops
c 449	11	16.4	61	9	BX892788	BX892788 Arabidops
450	11	16.4	62	4	BM130118	BM130118 pb26g11.y
451	11	16.4	62	6	CF043156	CF043156 QCJ13b10.
c 452	11	16.4	62	6	CF328447	CF328447 NACL--03-
453	11	16.4	62	7	D20626	D20626 HUMGS01601
454	11	16.4	62	8	BH790736	BH790736 SALK_0577
c 455	11	16.4	62	8	CC457419	CC457419 SALK_1098
c 456	11	16.4	62	9	AL950057	AL950057 Arabidops
c 457	11	16.4	63	1	AI049919	AI049919 an34e01.x
458	11	16.4	63	5	BQ298903	BQ298903 sao52c12.
c 459	11	16.4	63	5	BX747878	BX747878 BX747878
460	11	16.4	63	8	AZ467351	AZ467351 1M0278K12
c 461	11	16.4	63	8	AZ928780	AZ928780 479.dif18
c 462	11	16.4	63	9	AL938322	AL938322 Arabidops
463	11	16.4	63	9	BX946247	BX946247 Arabidops
464	11	16.4	64	1	AI120363	AI120363 ub67g07.r
465	11	16.4	64	1	AU254404	AU254404 AU254404

c 466	11	16.4	64	2	BF219645	BF219645	SWOvL3CAN
467	11	16.4	64	6	CA330916	CA330916	haa94b04.
c 468	11	16.4	64	6	CF017541	CF017541	QBM25e10.
469	11	16.4	64	8	B01791	B01791	cSRL-140G10
c 470	11	16.4	65	1	AA926667	AA926667	om28d08.s
c 471	11	16.4	65	1	AI148648	AI148648	qc69a09.x
c 472	11	16.4	65	1	AI242709	AI242709	qt86b06.x
c 473	11	16.4	65	1	AJ690514	AJ690514	AJ690514
c 474	11	16.4	65	2	AW337290	AW337290	xw83b03.x
c 475	11	16.4	65	4	BI558013	BI558013	603240721
476	11	16.4	65	5	BU698937	BU698937	SA50M22-7
477	11	16.4	65	5	BX748118	BX748118	BX748118
478	11	16.4	65	8	AZ603214	AZ603214	1M0422G23
c 479	11	16.4	65	8	BH850204	BH850204	SALK_0709
480	11	16.4	65	8	BH907128	BH907128	SALK_0383
c 481	11	16.4	65	9	BX150808	BX150808	Danio rer
482	11	16.4	65	9	BX194709	BX194709	Danio rer
483	11	16.4	65	9	BX650409	BX650409	Arabidops
c 484	11	16.4	66	1	AA885769	AA885769	nx23f07.s
c 485	11	16.4	66	1	AI916459	AI916459	tz68h12.x
486	11	16.4	66	2	AW827160	AW827160	xn06d09.y
487	11	16.4	66	7	CN973180	CN973180	20679_19-
488	11	16.4	66	8	BH791582	BH791582	SALK_0606
489	11	16.4	66	9	AL758757	AL758757	Arabidops
c 490	11	16.4	66	9	CG634300	CG634300	OST355118
491	11	16.4	66	9	AG188594	AG188594	Pan trogl
492	11	16.4	67	1	AJ392707	AJ392707	AJ392707
493	11	16.4	67	4	BM187450	BM187450	fw18c09.y
c 494	11	16.4	67	5	BX707598	BX707598	BX707598
495	11	16.4	67	6	CB226273	CB226273	1RT32B07
c 496	11	16.4	67	7	CN577864	CN577864	rf48h12.x
497	11	16.4	67	8	AZ621073	AZ621073	1M0454M06
498	11	16.4	67	8	AZ799452	AZ799452	2M0056N20
499	11	16.4	67	8	BH855508	BH855508	SALK_0850
500	11	16.4	67	9	BX288178	BX288178	Arabidops
c 501	11	16.4	67	9	CG635495	CG635495	OST357964
c 502	11	16.4	68	2	BF507303	BF507303	8184P-9a
503	11	16.4	68	5	BQ794247	BQ794247	EST 3185
c 504	11	16.4	68	8	BH904882	BH904882	SALK_1052
c 505	11	16.4	68	9	BX893736	BX893736	Arabidops
506	11	16.4	68	9	BX949794	BX949794	Arabidops
507	11	16.4	68	9	CR399777	CR399777	Arabidops
508	11	16.4	68	9	DME545070	AJ545070	Drosophil
509	11	16.4	68	9	CG621616	CG621616	OST320203
c 510	11	16.4	69	1	AF211747	AF211747	AF211747
511	11	16.4	69	1	AI320307	AI320307	c3b01nm.r
512	11	16.4	69	1	AI321194	AI321194	d5e08nm.r
513	11	16.4	69	1	AU254426	AU254426	AU254426
514	11	16.4	69	1	AA504014	AA504014	nh39g10.s
515	11	16.4	69	2	AW232376	AW232376	fj18e09.x
516	11	16.4	69	6	CF147514	CF147514	EST DMM02
c 517	11	16.4	69	7	CK621719	CK621719	ml27g09.y
c 518	11	16.4	69	8	BH215268	BH215268	1006026C0
519	11	16.4	69	9	BX943047	BX943047	Arabidops
520	11	16.4	69	9	TA74C08Q	AL458431	T. brucei
c 521	11	16.4	69	9	CG616302	CG616302	OST308283
522	11	16.4	69	9	CG786037	CG786037	CMHD-GT_8

c 523	11	16.4	70	1	AA776219	AA776219	ah10f01.s
c 524	11	16.4	70	1	AI119766	AI119766	uc20b12.r
c 525	11	16.4	70	1	AJ709350	AJ709350	AJ709350
526	11	16.4	70	1	AL632174	AL632174	AL632174
c 527	11	16.4	70	2	AW059886	AW059886	HuTH.bsst
c 528	11	16.4	70	5	BQ133899	BQ133899	san53e12.
529	11	16.4	70	8	BH850500	BH850500	SALK_0713
530	11	16.4	70	8	BZ355891	BZ355891	SALK_1276
c 531	11	16.4	70	9	CR041972	CR041972	Forward s
532	11	16.4	70	9	CR359205	CR359205	Arabidops
533	11	16.4	70	9	CR359206	CR359206	Arabidops
534	11	16.4	70	9	CG652089	CG652089	OST414514
c 535	11	16.4	70	9	CG803648	CG803648	1118044F1
c 536	11	16.4	71	2	BF644520	BF644520	NF014E03E
537	11	16.4	71	5	BQ548164	BQ548164	rd21c03.y
538	11	16.4	71	6	C02508	C02508	HUMGS001240
c 539	11	16.4	71	6	CF328386	CF328386	NACL--03-
540	11	16.4	71	8	BH857496	BH857496	SALK_0724
541	11	16.4	71	8	BZ748819	BZ748819	EY01356-3
542	11	16.4	71	9	BX656606	BX656606	Arabidops
543	11	16.4	71	9	DR11B16T	AL734780	Danio rer
544	11	16.4	71	9	CC886005	CC886005	SALK_1480
545	11	16.4	72	6	CA394299	CA394299	cs49h07.y
546	11	16.4	72	6	CB099757	CB099757	py16f02.y
547	11	16.4	72	6	CB191753	CB191753	py36d02.y
548	11	16.4	72	8	BZ356980	BZ356980	SALK_1300
549	11	16.4	72	9	AL768503	AL768503	Arabidops
c 550	11	16.4	72	9	BX534001	BX534001	Arabidops
c 551	11	16.4	72	9	CC794540	CC794540	SALK_0509
552	11	16.4	72	9	CC884562	CC884562	SALK_1138
553	11	16.4	72	9	CG656339	CG656339	OST428636
554	11	16.4	73	1	AA928788	AA928788	on98f01.s
555	11	16.4	73	1	AL780490	AL780490	AL780490
c 556	11	16.4	73	6	CA995995	CA995995	rg09a03.y
c 557	11	16.4	73	8	BH865567	BH865567	SALK_0989
c 558	11	16.4	73	8	BH910588	BH910588	SALK_0604
c 559	11	16.4	73	8	BZ770736	BZ770736	SALK_1436
c 560	11	16.4	73	9	CG563345	CG563345	OST186546
c 561	11	16.4	73	9	CG583342	CG583342	OST225361
c 562	11	16.4	73	9	CG634529	CG634529	OST355690
563	11	16.4	73	9	AG203078	AG203078	Pan trogl
564	11	16.4	74	1	AL678687	AL678687	AL678687
c 565	11	16.4	74	6	CB277597	CB277597	ks37e08.y
566	11	16.4	74	6	CD011777	CD011777	VVB021D05
c 567	11	16.4	74	8	AZ812538	AZ812538	2M0079G18
568	11	16.4	74	9	CG508697	CG508697	OST59413
569	11	16.4	75	1	AL779972	AL779972	AL779972
570	11	16.4	75	1	AU258600	AU258600	AU258600
c 571	11	16.4	75	2	BF641409	BF641409	NF062D07I
572	11	16.4	75	2	AW689427	AW689427	NF019B03S
573	11	16.4	75	4	BI437024	BI437024	gb93e08.y
574	11	16.4	75	6	C21058	C21058	HUMGS000256
575	11	16.4	75	6	CB916756	CB916756	VVD113G06
576	11	16.4	75	7	D20611	D20611	HUMGS01586
577	11	16.4	75	8	BH909519	BH909519	SALK_0542
c 578	11	16.4	75	8	BZ353139	BZ353139	SALK_1198
579	11	16.4	75	9	CR404319	CR404319	Arabidops

580	11	16.4	75	9	PCH303663	AJ303663	Plasmodiu
581	11	16.4	76	1	AA869338	AA869338	vq50g11.r
c 582	11	16.4	76	1	AA887317	AA887317	oj40f07.s
c 583	11	16.4	76	4	BG939570	BG939570	cr57h02.x
584	11	16.4	76	5	BQ096104	BQ096104	kk14d10.y
585	11	16.4	76	6	CB262743	CB262743	49-E8977-
c 586	11	16.4	76	7	CN755192	CN755192	ID0AAA15A
c 587	11	16.4	76	8	BH791176	BH791176	SALK_0588
c 588	11	16.4	76	8	BH857840	BH857840	SALK_0874
c 589	11	16.4	76	8	BH857846	BH857846	SALK_0874
590	11	16.4	76	8	BH863441	BH863441	SALK_0938
591	11	16.4	76	8	CC060298	CC060298	EY04031-3
592	11	16.4	76	9	AL940453	AL940453	Arabidops
593	11	16.4	76	9	CC796851	CC796851	SALK_1441
c 594	11	16.4	76	9	CG506182	CG506182	OST55565
c 595	11	16.4	77	1	AI628528	AI628528	ty95a12.x
596	11	16.4	77	1	AI924463	AI924463	wn56d09.x
597	11	16.4	77	1	AL784455	AL784455	AL784455
c 598	11	16.4	77	4	BG059074	BG059074	nah44e11.
599	11	16.4	77	4	BI493760	BI493760	df105c05.
600	11	16.4	77	8	AZ483071	AZ483071	1M0308F05
c 601	11	16.4	77	9	CR066626	CR066626	Forward s
c 602	11	16.4	77	9	TA290H04P	AL487976	T. brucei
603	11	16.4	77	9	CG614126	CG614126	OST302103
604	11	16.4	77	9	CL002207	CL002207	02S0069-0
c 605	11	16.4	78	4	BI965985	BI965985	ie71b09.x
c 606	11	16.4	78	4	BI965992	BI965992	ie71d03.x
607	11	16.4	78	5	BQ852672	BQ852672	QGB18K16.
608	11	16.4	78	5	BQ854518	BQ854518	QGB23H19.
609	11	16.4	78	5	BU095033	BU095033	rf61e02.y
c 610	11	16.4	78	8	AZ495859	AZ495859	1M0331P23
611	11	16.4	78	8	AZ765884	AZ765884	1M0563M04
c 612	11	16.4	78	8	AZ769946	AZ769946	1M0571C10
c 613	11	16.4	78	8	BH638052	BH638052	1008020B0
c 614	11	16.4	78	8	BZ379141	BZ379141	SALK_1129
c 615	11	16.4	78	9	AL945229	AL945229	Arabidops
616	11	16.4	78	9	BX662239	BX662239	Arabidops
c 617	11	16.4	78	9	CR360588	CR360588	Arabidops
618	11	16.4	78	9	CC886006	CC886006	SALK_1480
619	11	16.4	78	9	CG607509	CG607509	OST286472
620	11	16.4	78	9	CG669326	CG669326	OST466160
c 621	11	16.4	79	1	AI720820	AI720820	as67b04.x
622	11	16.4	79	2	AW311411	AW311411	sg38h01.y
c 623	11	16.4	79	5	BM965630	BM965630	kol4g05.y
c 624	11	16.4	79	6	CD346390	CD346390	EtESTef01
625	11	16.4	79	8	AZ345547	AZ345547	1M0080C18
626	11	16.4	79	8	BH901140	BH901140	SALK_0732
c 627	11	16.4	79	9	AL752753	AL752753	Arabidops
c 628	11	16.4	79	9	CR357113	CR357113	Arabidops
c 629	11	16.4	79	9	CC798568	CC798568	SALK_1465
630	11	16.4	79	9	CG496155	CG496155	OST36017
631	11	16.4	80	1	AB008341	AB008341	AB008341
632	11	16.4	80	1	AI181265	AI181265	ub94c01.r
633	11	16.4	80	1	AL785467	AL785467	AL785467
634	11	16.4	80	1	AL801397	AL801397	AL801397
635	11	16.4	80	6	C00612	C00612	HUMGS000815
636	11	16.4	80	6	CB258950	CB258950	52-E01180

c 637	11	16.4	80	7	CF982420	CF982420	maj83c09.
638	11	16.4	80	7	CN922837	CN922837	000411AEL
c 639	11	16.4	80	7	CR575862	CR575862	CR575862
640	11	16.4	80	8	AZ595067	AZ595067	1M0407M23
641	11	16.4	80	8	AZ771588	AZ771588	1M0574G06
642	11	16.4	80	8	BH757509	BH757509	SALK_0563
c 643	11	16.4	80	9	CG494746	CG494746	OST33787
644	11	16.4	80	9	CL523831	CL523831	DAL5E11 F
645	11	16.4	81	5	BU002516	BU002516	QGG31J08.
c 646	11	16.4	81	6	CB190881	CB190881	py37b08.y
647	11	16.4	81	6	CD394440	CD394440	Gm_ck1414
c 648	11	16.4	81	6	CD967729	CD967729	SEY_111 G
c 649	11	16.4	81	7	CN564009	CN564009	taf95g06.
c 650	11	16.4	81	8	BH222332	BH222332	1006106F0
651	11	16.4	81	8	BH638824	BH638824	1008025B1
c 652	11	16.4	81	8	BH846321	BH846321	SALK_0072
c 653	11	16.4	81	8	CC047268	CC047268	3591_1_19
c 654	11	16.4	81	9	AL768885	AL768885	Arabidops
655	11	16.4	81	9	CC476374	CC476374	CH240_302
656	11	16.4	82	1	AA707036	AA707036	zj32c06.s
657	11	16.4	82	1	AI066811	AI066811	MUHO 03 d
658	11	16.4	82	1	AA265579	AA265579	mu66g08.r
c 659	11	16.4	82	1	AA449271	AA449271	zx04f12.s
660	11	16.4	82	1	AA624315	AA624315	vm99f09.r
c 661	11	16.4	82	2	AW169479	AW169479	xj28h03.x
662	11	16.4	82	2	BF101686	BF101686	601753418
663	11	16.4	82	4	BI665639	BI665639	603289629
c 664	11	16.4	82	7	CN760416	CN760416	ID0AAA28B
665	11	16.4	82	8	BZ595257	BZ595257	SALK_0863
666	11	16.4	82	9	AL765858	AL765858	Arabidops
667	11	16.4	82	9	CR193671	CR193671	Reverse s
668	11	16.4	82	9	CL528826	CL528826	HIV60G05.
c 669	11	16.4	83	1	AA861990	AA861990	oi45g05.s
c 670	11	16.4	83	1	AI860292	AI860292	wl01c11.x
671	11	16.4	83	1	AJ653079	AJ653079	AJ653079
672	11	16.4	83	4	BI971808	BI971808	sag98g03.
c 673	11	16.4	83	4	BM502112	BM502112	ii33e02.x
674	11	16.4	83	6	CD008399	CD008399	VVB074E07
675	11	16.4	83	8	BZ358061	BZ358061	SALK_1318
c 676	11	16.4	83	9	AJ589220	AJ589220	Arabidops
c 677	11	16.4	84	1	AA665655	AA665655	ag69a08.s
c 678	11	16.4	84	1	AI080347	AI080347	ox80e07.s
679	11	16.4	84	6	CD576908	CD576908	47(2)W-18
680	11	16.4	84	8	AZ492519	AZ492519	1M0326L09
c 681	11	16.4	84	8	AZ595977	AZ595977	1M0408O22
c 682	11	16.4	84	8	BH851225	BH851225	SALK_0726
683	11	16.4	84	8	BH862489	BH862489	SALK_0900
684	11	16.4	84	8	BZ356592	BZ356592	SALK_1293
c 685	11	16.4	84	8	BZ664346	BZ664346	SALK_0702
c 686	11	16.4	84	8	CC035978	CC035978	3591_1_77
687	11	16.4	84	9	AL943342	AL943342	Arabidops
688	11	16.4	84	9	CR244446	CR244446	Forward s
689	11	16.4	85	1	AA876992	AA876992	ny49f05.s
c 690	11	16.4	85	1	AI086378	AI086378	oz44c01.x
c 691	11	16.4	85	1	AI890005	AI890005	wm80d09.x
c 692	11	16.4	85	4	BM128441	BM128441	if14g02.x
693	11	16.4	85	4	BM155955	BM155955	fw42e03.y

c 694	11	16.4	85	6	CB064424	CB064424	py08a05.y
c 695	11	16.4	85	6	CB222407	CB222407	1IL27E06
c 696	11	16.4	85	6	CB857929	CB857929	NISC_na11
697	11	16.4	85	6	CD856371	CD856371	DH0AFF28Z
c 698	11	16.4	85	7	CN861446	CN861446	001012AAG
699	11	16.4	85	8	AQ025856	AQ025856	1(2)k0811
700	11	16.4	85	8	BH862479	BH862479	SALK_0899
c 701	11	16.4	85	8	BH863436	BH863436	SALK_0938
702	11	16.4	85	8	BH866405	BH866405	SALK_1012
c 703	11	16.4	85	8	BH906071	BH906071	SALK_1091
704	11	16.4	85	8	CC457762	CC457762	SALK_1121
705	11	16.4	85	9	CG585372	CG585372	OST232721
c 706	11	16.4	85	9	CG647336	CG647336	OST395662
c 707	11	16.4	86	1	AI983015	AI983015	wt46g10.x
c 708	11	16.4	86	2	BE508362	BE508362	dc11b12.x
709	11	16.4	86	4	BI704910	BI704910	fr59d01.y
710	11	16.4	86	5	BQ456779	BQ456779	ke42h12.y
c 711	11	16.4	86	6	CD950710	CD950710	SAS_110 G
712	11	16.4	86	7	CK116186	CK116186	Y021D02 P
c 713	11	16.4	86	7	R89806	R89806	yp91c10.s1
714	11	16.4	86	8	BH862483	BH862483	SALK_0900
715	11	16.4	86	9	CR396171	CR396171	Arabidops
716	11	16.4	86	9	CL520509	CL520509	SAK2E03 F
c 717	11	16.4	87	1	AA873258	AA873258	oh78h03.s
c 718	11	16.4	87	1	AI695348	AI695348	wa23e09.x
719	11	16.4	87	1	AI953722	AI953722	wq47e12.x
c 720	11	16.4	87	1	AA231789	AA231789	RZ500.R c
721	11	16.4	87	1	AV530539	AV530539	AV530539
722	11	16.4	87	1	AA546841	AA546841	vk67b02.s
723	11	16.4	87	5	BP061067	BP061067	BP061067
c 724	11	16.4	87	5	BX682659	BX682659	BX682659
c 725	11	16.4	87	8	AZ466245	AZ466245	1M0276L14
c 726	11	16.4	87	8	BH908281	BH908281	SALK_0469
727	11	16.4	87	9	AJ589004	AJ589004	Arabidops
728	11	16.4	87	9	BX289855	BX289855	Arabidops
c 729	11	16.4	87	9	CR005150	CR005150	Reverse s
c 730	11	16.4	87	9	CG569390	CG569390	OST197428
731	11	16.4	87	9	CG660414	CG660414	OST440072
732	11	16.4	88	1	AA745440	AA745440	ny56d07.s
733	11	16.4	88	1	AI506874	AI506874	vl56c06.x
c 734	11	16.4	88	1	AI702329	AI702329	tz37h05.x
c 735	11	16.4	88	1	AI953694	AI953694	wq47c06.x
c 736	11	16.4	88	1	AV770200	AV770200	AV770200
737	11	16.4	88	2	BE507052	BE507052	db67c10.y
738	11	16.4	88	2	BE507057	BE507057	db67d09.y
739	11	16.4	88	4	BI816291	BI816291	PfESToaa3
740	11	16.4	88	5	BQ565989	BQ565989	gi49a04.y
c 741	11	16.4	88	6	CB297387	CB297387	12B22037_
c 742	11	16.4	88	7	CF356324	CF356324	maj54g11.
743	11	16.4	88	7	CK109525	CK109525	N017H07 P
c 744	11	16.4	88	8	AZ775101	AZ775101	2M0007C11
745	11	16.4	88	8	BH746704	BH746704	SALK_0001
746	11	16.4	88	9	BX535922	BX535922	Arabidops
747	11	16.4	88	9	CR396173	CR396173	Arabidops
c 748	11	16.4	88	9	CG493163	CG493163	OST31339
749	11	16.4	88	9	CG510101	CG510101	OST61651
750	11	16.4	88	9	CG635429	CG635429	OST357678

751	11	16.4	88	9	AG245255	AG245255	Lotus cor
752	11	16.4	89	1	AI184856	AI184856	qd40h06.x
c 753	11	16.4	89	1	AI288183	AI288183	ql85c12.x
c 754	11	16.4	89	1	AI580821	AI580821	ta11b08.x
c 755	11	16.4	89	1	AI620558	AI620558	tu95c08.x
c 756	11	16.4	89	1	AI805684	AI805684	tx15f11.x
757	11	16.4	89	1	AA591385	AA591385	vi66c06.r
758	11	16.4	89	4	BG970186	BG970186	602839355
759	11	16.4	89	4	BM893935	BM893935	ij32g02.x
c 760	11	16.4	89	5	BU897914	BU897914	X071G10 P
761	11	16.4	89	6	CF046515	CF046515	QCK26f10.
762	11	16.4	89	8	AZ655494	AZ655494	1M0530E19
763	11	16.4	89	8	BH797027	BH797027	1008086E0
c 764	11	16.4	89	8	BH850450	BH850450	SALK_0712
c 765	11	16.4	89	9	BX652092	BX652092	Arabidops
c 766	11	16.4	89	9	CR358361	CR358361	Arabidops
767	11	16.4	89	9	CR405652	CR405652	Arabidops
c 768	11	16.4	89	9	CG483941	CG483941	OST17724
769	11	16.4	89	9	CG541065	CG541065	OST133861
770	11	16.4	90	1	AA864088	AA864088	vx88g07.r
c 771	11	16.4	90	1	AI129482	AI129482	qc48f04.x
c 772	11	16.4	90	1	AI539260	AI539260	tp64d08.x
c 773	11	16.4	90	1	AV773855	AV773855	AV773855
c 774	11	16.4	90	4	BJ053689	BJ053689	BJ053689
c 775	11	16.4	90	5	BX694075	BX694075	BX694075
c 776	11	16.4	90	6	C81647	C81647	C81647 Citr
777	11	16.4	90	7	CF381961	CF381961	lab95b05.
c 778	11	16.4	90	8	BH406054	BH406054	RPCI-23-2
779	11	16.4	90	8	BZ377884	BZ377884	SALK_1063
780	11	16.4	90	8	BZ383043	BZ383043	SALK_1193
781	11	16.4	90	9	AL940467	AL940467	Arabidops
c 782	11	16.4	90	9	CR356887	CR356887	Arabidops
c 783	11	16.4	90	9	CC579120	CC579120	CH240_458
c 784	11	16.4	90	9	CG561159	CG561159	OST182457
785	11	16.4	90	9	CG625757	CG625757	OST332580
c 786	11	16.4	91	1	AA065987	AA065987	ml52c09.r
c 787	11	16.4	91	1	AI086512	AI086512	oz60c08.x
788	11	16.4	91	1	AI204785	AI204785	ZF-EST104
789	11	16.4	91	1	AJ795865	AJ795865	AJ795865
c 790	11	16.4	91	1	AA159431	AA159431	zo78e02.r
c 791	11	16.4	91	2	AW278228	AW278228	sf41d03.y
c 792	11	16.4	91	2	BE057279	BE057279	sm99h11.y
c 793	11	16.4	91	4	BI700058	BI700058	sag59d07.
c 794	11	16.4	91	5	BX252403	BX252403	BX252403
795	11	16.4	91	7	CK108699	CK108699	I061P18 P
c 796	11	16.4	91	7	T96074	T96074	ye47a12.s1
797	11	16.4	91	8	BH754088	BH754088	SALK_0366
c 798	11	16.4	91	8	BH857491	BH857491	SALK_0725
799	11	16.4	91	9	CNS03BVX	AL237030	Tetraodon
c 800	11	16.4	91	9	CR175658	CR175658	Forward s
c 801	11	16.4	91	9	CG593073	CG593073	OST249887
c 802	11	16.4	92	1	AA682396	AA682396	zj86c10.s
803	11	16.4	92	1	AA713605	AA713605	nv70g01.s
804	11	16.4	92	1	AA197766	AA197766	mv03g05.r
c 805	11	16.4	92	1	AL847426	AL847426	AL847426
806	11	16.4	92	6	CB918324	CB918324	VVD031E06
807	11	16.4	92	7	CN562014	CN562014	tag27b04.

808	11	16.4	92	7	D86808	D86808 D86808 Rat
809	11	16.4	92	8	BH755835	BH755835 SALK_0522
c 810	11	16.4	92	8	BH809835	BH809835 SALK_0062
c 811	11	16.4	92	8	BH847318	BH847318 SALK_0523
812	11	16.4	92	9	CG509894	CG509894 OST61318
813	11	16.4	92	9	CG641474	CG641474 OST376377
c 814	11	16.4	92	9	CG715618	CG715618 1119042F0
c 815	11	16.4	92	9	AG194421	AG194421 Pan trogl
816	11	16.4	93	1	AI204798	AI204798 ZF-EST118
c 817	11	16.4	93	1	AA125775	AA125775 zl92h09.s
c 818	11	16.4	93	1	AI612177	AI612177 AEMTBC37
c 819	11	16.4	93	1	AI991747	AI991747 wt48d09.x
c 820	11	16.4	93	1	AA281609	AA281609 zt03a08.s
c 821	11	16.4	93	2	AW073030	AW073030 xa61f04.x
822	11	16.4	93	2	AW246479	AW246479 2821875.3
c 823	11	16.4	93	4	BJ016101	BJ016101 BJ016101
c 824	11	16.4	93	5	BX741929	BX741929 BX741929
825	11	16.4	93	7	T41311	T41311 ph1h8_19/1T
c 826	11	16.4	93	8	AZ307387	AZ307387 1M0008022
c 827	11	16.4	93	8	AZ309541	AZ309541 1M0013003
828	11	16.4	93	9	BX662735	BX662735 Arabidops
c 829	11	16.4	93	9	CR222230	CR222230 Forward s
830	11	16.4	93	9	CR237517	CR237517 Forward s
831	11	16.4	93	9	CG593996	CG593996 OST251680
c 832	11	16.4	94	1	AI204838	AI204838 ZF-EST158
c 833	11	16.4	94	1	AI864837	AI864837 wk02g10.x
c 834	11	16.4	94	4	BG271548	BG271548 nai58h01.
835	11	16.4	94	4	BM128672	BM128672 if14g02.y
836	11	16.4	94	5	BX253660	BX253660 BX253660
c 837	11	16.4	94	8	AZ537490	AZ537490 AST-2P127
838	11	16.4	94	8	BH809955	BH809955 SALK_0368
839	11	16.4	94	9	AL755512	AL755512 Arabidops
840	11	16.4	95	1	AI097969	AI097969 vg82a07.r
841	11	16.4	95	1	AI335506	AI335506 tb66g11.x
c 842	11	16.4	95	1	AI994190	AI994190 701500134
843	11	16.4	95	1	AU256462	AU256462 AU256462
c 844	11	16.4	95	1	AU258308	AU258308 AU258308
c 845	11	16.4	95	5	BQ548161	BQ548161 rd21b12.y
c 846	11	16.4	95	5	BU885124	BU885124 R021A05 P
847	11	16.4	95	6	CD400209	CD400209 Gm_ck2199
848	11	16.4	95	6	CD576904	CD576904 26_G02_26
849	11	16.4	95	6	CD576905	CD576905 47(2)W-6_
c 850	11	16.4	95	7	CN445097	CN445097 Mdfw2002a
c 851	11	16.4	95	8	CC180016	CC180016 SALK_0752
c 852	11	16.4	95	8	CC457312	CC457312 SALK_1090
853	11	16.4	95	9	CR167268	CR167268 Reverse s
c 854	11	16.4	95	9	CR398223	CR398223 Arabidops
855	11	16.4	95	9	CG492821	CG492821 OST30812
856	11	16.4	95	9	CG979981	CG979981 CH240_172
857	11	16.4	96	1	AA980684	AA980684 ua44d02.r
c 858	11	16.4	96	1	AI288076	AI288076 qv70d03.x
c 859	11	16.4	96	1	AI365056	AI365056 qt12b12.x
c 860	11	16.4	96	1	AU014553	AU014553 AU014553
c 861	11	16.4	96	2	AW662338	AW662338 hi25a08.x
862	11	16.4	96	4	BI966140	BI966140 ie71b09.y
863	11	16.4	96	4	BI966152	BI966152 ie71d03.y
c 864	11	16.4	96	6	CB224520	CB224520 1OM22B07

865	11	16.4	96	6	CF042365	CF042365	QCI38a09.
866	11	16.4	96	7	CF369424	CF369424	rg59f05.y
c 867	11	16.4	96	8	AZ596577	AZ596577	1M0409L21
c 868	11	16.4	96	8	AZ788596	AZ788596	2M0035A23
c 869	11	16.4	96	9	AJ598090	AJ598090	Arabidops
870	11	16.4	96	9	AL751797	AL751797	Arabidops
c 871	11	16.4	96	9	BX288705	BX288705	Arabidops
c 872	11	16.4	96	9	CR151103	CR151103	Forward s
873	11	16.4	96	9	CG509874	CG509874	OST61294
874	11	16.4	97	1	AA062522	AA062522	ml65g11.r
c 875	11	16.4	97	1	AA906392	AA906392	oj99c06.s
c 876	11	16.4	97	1	AI077701	AI077701	oy59f04.x
877	11	16.4	97	1	AV775818	AV775818	AV775818
c 878	11	16.4	97	8	BH413137	BH413137	1007030G1
c 879	11	16.4	97	8	BH910232	BH910232	SALK_0585
880	11	16.4	97	9	AJ600985	AJ600985	Arabidops
c 881	11	16.4	97	9	AL757856	AL757856	Arabidops
c 882	11	16.4	97	9	BX652091	BX652091	Arabidops
c 883	11	16.4	97	9	BX943457	BX943457	Arabidops
884	11	16.4	97	9	CG514568	CG514568	OST68410
885	11	16.4	97	9	AG188403	AG188403	Pan trogl
c 886	11	16.4	97	9	AG216406	AG216406	Drosophil
c 887	11	16.4	98	2	AW273386	AW273386	xr38f05.x
c 888	11	16.4	98	2	AW278544	AW278544	sf45h02.y
889	11	16.4	98	2	AW888330	AW888330	E10 Rat d
c 890	11	16.4	98	4	BM425371	BM425371	IpSpn0164
891	11	16.4	98	4	BM873967	BM873967	laa10a08.
892	11	16.4	98	6	CD946880	CD946880	REU_36 Ge
893	11	16.4	98	7	CR583602	CR583602	CR583602
c 894	11	16.4	98	7	CR583602	CR583602	CR583602
c 895	11	16.4	98	7	H61468	H61468	yr17d01.s1
896	11	16.4	98	8	BZ353381	BZ353381	SALK_1202
897	11	16.4	98	8	BZ358635	BZ358635	SALK_1330
898	11	16.4	98	8	BZ581637	BZ581637	3590_1_26
899	11	16.4	98	9	CG542570	CG542570	OST137266
c 900	11	16.4	98	9	CG634277	CG634277	OST355063
c 901	11	16.4	99	1	AA843753	AA843753	aj18b03.s
c 902	11	16.4	99	1	AA905160	AA905160	ok06a09.s
c 903	11	16.4	99	1	AI696433	AI696433	tw61d05.x
904	11	16.4	99	1	AL968106	AL968106	AL968106
c 905	11	16.4	99	1	AU006866	AU006866	AU006866
906	11	16.4	99	1	AU173687	AU173687	AU173687
c 907	11	16.4	99	2	AW466347	AW466347	bbc1g3b54
908	11	16.4	99	8	AZ482056	AZ482056	1M0306J19
909	11	16.4	99	8	AZ785480	AZ785480	2M0029F21
910	11	16.4	99	9	AL768313	AL768313	Arabidops
c 911	11	16.4	99	9	AL770229	AL770229	Arabidops
c 912	11	16.4	99	9	CC795075	CC795075	SALK_0685
c 913	11	16.4	99	9	CG550260	CG550260	OST155799
c 914	11	16.4	100	1	AJ237014	AJ237014	AJ237014
915	11	16.4	100	1	AA212286	AA212286	mu80e10.r
c 916	11	16.4	100	1	AL931017	AL931017	AL931017
c 917	11	16.4	100	1	AL931714	AL931714	AL931714
c 918	11	16.4	100	1	AT006416	AT006416	AT006416
919	11	16.4	100	1	AA247654	AA247654	csh0112.s
920	11	16.4	100	1	AV674726	AV674726	AV674726
c 921	11	16.4	100	1	AV780636	AV780636	AV780636

c 922	11	16.4	100	1	AA333721	AA333721	EST37838
c 923	11	16.4	100	2	BF945768	BF945768	CM1-NN021
c 924	11	16.4	100	2	BB527127	BB527127	BB527127
c 925	11	16.4	100	2	BE478698	BE478698	163057 BA
926	11	16.4	100	2	BF122920	BF122920	601761878
c 927	11	16.4	100	4	BI358929	BI358929	949053A07
928	11	16.4	100	4	BI538415	BI538415	428999 MA
929	11	16.4	100	5	BQ666372	BQ666372	pb40f02.y
930	11	16.4	100	5	BQ847154	BQ847154	QGA21F11.
931	11	16.4	100	5	BQ977763	BQ977763	QHI2P10.y
932	11	16.4	100	5	BQ978829	BQ978829	QHI6G08.y
933	11	16.4	100	5	BQ978943	BQ978943	QHI6L16.y
c 934	11	16.4	100	5	BU032660	BU032660	QHJ21N11.
c 935	11	16.4	100	5	BW144756	BW144756	BW144756
c 936	11	16.4	100	6	CA294437	CA294437	SCSGLV101
937	11	16.4	100	6	CA915906	CA915906	PCS01534X
c 938	11	16.4	100	6	CB872148	CB872148	HC06N06y
c 939	11	16.4	100	6	CB931705	CB931705	ri62b03.y
c 940	11	16.4	100	6	CD744106	CD744106	IRB17_E04
941	11	16.4	100	6	CD980768	CD980768	QAI16d06.
942	11	16.4	100	7	CK802181	CK802181	NF40f01f4
c 943	11	16.4	100	7	CK916381	CK916381	p3fmgcf_0
c 944	11	16.4	100	8	BZ384308	BZ384308	SALK_1353
c 945	11	16.4	100	9	AL767185	AL767185	Arabidops
946	11	16.4	100	9	CG635413	CG635413	OST357616
947	10	14.9	14	9	AJ592812	AJ592812	Arabidops
948	10	14.9	16	9	CL437056	CL437056	PST440-1.
949	10	14.9	18	9	AJ600906	AJ600906	Arabidops
950	10	14.9	19	1	AA937747	AA937747	oj01g06.s
951	10	14.9	19	6	CF312203	CF312203	ABF--07-M
952	10	14.9	19	8	AZ345852	AZ345852	1M0080E18
953	10	14.9	21	9	AJ595129	AJ595129	Arabidops
954	10	14.9	22	8	AZ445474	AZ445474	1M0241N14
955	10	14.9	22	9	TA215F02Q	AL479263	T. brucei
956	10	14.9	23	8	AZ339811	AZ339811	1M0071M19
c 957	10	14.9	23	9	CL680745	CL680745	PRI012b_A
958	10	14.9	24	2	AW247816	AW247816	2820481.3
c 959	10	14.9	24	9	AG201702	AG201702	Pan trogl
960	10	14.9	25	6	C21203	C21203	HUMGS000223
c 961	10	14.9	25	6	CF296576	CF296576	30DGS--07
c 962	10	14.9	25	7	CO788114	CO788114	NT003B_C0
963	10	14.9	25	8	AZ387185	AZ387185	1M0146L20
c 964	10	14.9	25	8	BH840664	BH840664	KG06339-3
965	10	14.9	25	9	AJ589736	AJ589736	Arabidops
966	10	14.9	25	9	AJ592439	AJ592439	Arabidops
c 967	10	14.9	26	8	AZ818942	AZ818942	2M0089I15
968	10	14.9	26	9	CL674117	CL674117	PRI0111b_
969	10	14.9	27	1	AU260224	AU260224	AU260224
970	10	14.9	27	8	AZ357559	AZ357559	1M0099L09
971	10	14.9	28	1	AU257531	AU257531	AU257531
972	10	14.9	28	5	BX564805	BX564805	BX564805
973	10	14.9	28	7	D45823	D45823	HUMGS03043
974	10	14.9	28	8	AZ839856	AZ839856	2M0136I08
975	10	14.9	29	1	AU254952	AU254952	AU254952
976	10	14.9	29	6	C20587	C20587	HUMGS000367
c 977	10	14.9	29	7	CO781290	CO781290	BL012A_A0
c 978	10	14.9	29	8	AZ433903	AZ433903	1M0220G03

979	10	14.9	29	8	BH850078	BH850078	SALK_0707
c 980	10	14.9	29	8	BZ358019	BZ358019	SALK_1317
981	10	14.9	30	8	AZ447613	AZ447613	1M0244B23
c 982	10	14.9	30	8	BH792275	BH792275	SALK_0632
c 983	10	14.9	30	8	BH852058	BH852058	SALK_0741
c 984	10	14.9	30	8	BH852064	BH852064	SALK_0741
c 985	10	14.9	30	8	CC456536	CC456536	SALK_0989
c 986	10	14.9	31	1	AI024178	AI024178	ov73f05.s
987	10	14.9	31	1	AU254296	AU254296	AU254296
988	10	14.9	31	1	AU255233	AU255233	AU255233
989	10	14.9	31	8	AZ837501	AZ837501	2M0132M13
c 990	10	14.9	31	8	BH790339	BH790339	SALK_0568
991	10	14.9	31	8	BH854806	BH854806	SALK_0884
992	10	14.9	31	8	BH907736	BH907736	SALK_0439
c 993	10	14.9	31	8	BH909093	BH909093	SALK_0519
994	10	14.9	31	9	AG202095	AG202095	Pan trogl
c 995	10	14.9	32	1	AU266499	AU266499	AU266499
c 996	10	14.9	32	4	BJ082835	BJ082835	BJ082835
c 997	10	14.9	32	9	BX656813	BX656813	Arabidops
998	10	14.9	33	1	AJ790491	AJ790491	AJ790491
c 999	10	14.9	33	5	BX549621	BX549621	BX549621
1000	10	14.9	33	8	BH840694	BH840694	KG06570-5

ALIGNMENTS

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 532.268 Seconds
(without alignments)
2665.369 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
Perfect score: 30
Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1008

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result		%	Query						
No.	Score	Match	Length	DB	ID				Description
1	30	100.0	79	6	BD080390				BD080390 Nucleic a
2	30	100.0	79	6	BD080391				BD080391 Nucleic a
3	27	90.0	77	6	AR358826				AR358826 Sequence
4	27	90.0	77	6	BD080385				BD080385 Nucleic a

	5	18	60.0	18	6	AX000626	AX000626 Sequence
	6	18	60.0	18	6	BD080378	BD080378 Nucleic a
c	7	13	43.3	23	6	AX777482	AX777482 Sequence
	8	13	43.3	27	6	AX127474	AX127474 Sequence
c	9	13	43.3	37	6	BD264037	BD264037 Nucleic a
	10	13	43.3	42	6	A69770	A69770 Sequence 6
	11	13	43.3	42	6	AX924193	AX924193 Sequence
	12	13	43.3	43	6	A69767	A69767 Sequence 3
	13	13	43.3	43	6	AR209849	AR209849 Sequence
	14	13	43.3	43	6	AX924190	AX924190 Sequence
	15	13	43.3	52	6	AR209852	AR209852 Sequence
c	16	13	43.3	65	6	CQ558273	CQ558273 Sequence
c	17	13	43.3	100	6	AX998972	AX998972 Sequence
c	18	13	43.3	100	6	AX998973	AX998973 Sequence
	19	12	40.0	19	6	BD061257	BD061257 A method
c	20	12	40.0	20	6	AX116038	AX116038 Sequence
c	21	12	40.0	24	6	AX443593	AX443593 Sequence
c	22	12	40.0	25	6	AX447576	AX447576 Sequence
c	23	12	40.0	25	6	AX921545	AX921545 Sequence
c	24	12	40.0	30	6	AX224590	AX224590 Sequence
	25	12	40.0	37	6	AX230238	AX230238 Sequence
c	26	12	40.0	50	6	AR074549	AR074549 Sequence
c	27	12	40.0	50	6	AR157429	AR157429 Sequence
	28	12	40.0	50	6	CQ814008	CQ814008 Sequence
c	29	12	40.0	50	6	AX160060	AX160060 Sequence
c	30	12	40.0	50	6	AX160062	AX160062 Sequence
	31	12	40.0	51	6	CQ004402	CQ004402 Sequence
c	32	12	40.0	51	6	CQ007591	CQ007591 Sequence
c	33	12	40.0	51	6	AX160059	AX160059 Sequence
c	34	12	40.0	51	6	AX160061	AX160061 Sequence
	35	12	40.0	51	6	AX163478	AX163478 Sequence
c	36	12	40.0	51	6	AX165175	AX165175 Sequence
c	37	12	40.0	52	6	AR358963	AR358963 Sequence
	38	12	40.0	52	6	AR358978	AR358978 Sequence
	39	12	40.0	54	6	AR009720	AR009720 Sequence
c	40	12	40.0	60	6	CQ537192	CQ537192 Sequence
c	41	12	40.0	60	6	CQ538945	CQ538945 Sequence
	42	12	40.0	60	6	CQ543650	CQ543650 Sequence
c	43	12	40.0	60	6	CQ551616	CQ551616 Sequence
	44	12	40.0	65	6	CQ530587	CQ530587 Sequence
	45	12	40.0	65	6	CQ531824	CQ531824 Sequence
c	46	12	40.0	65	6	CQ560556	CQ560556 Sequence
c	47	12	40.0	72	6	AR006898	AR006898 Sequence
c	48	12	40.0	72	6	AR110922	AR110922 Sequence
c	49	12	40.0	72	6	I74838	I74838 Sequence 37
c	50	12	40.0	72	6	BD086595	BD086595 Nucleic a
	51	12	40.0	81	6	AX799990	AX799990 Sequence
c	52	12	40.0	95	6	AX927263	AX927263 Sequence
c	53	12	40.0	95	8	AJ718721	AJ718721 Nicotiana
	54	12	40.0	100	6	AX989868	AX989868 Sequence
	55	12	40.0	100	6	AX989869	AX989869 Sequence
	56	12	40.0	100	6	AX999181	AX999181 Sequence
	57	12	40.0	100	6	AX999182	AX999182 Sequence
c	58	11	36.7	14	6	BD176781	BD176781 Method of
	59	11	36.7	17	6	AR034076	AR034076 Sequence
c	60	11	36.7	17	6	AR057796	AR057796 Sequence
c	61	11	36.7	17	6	AR115554	AR115554 Sequence

	62	11	36.7	17	6	AX578962	AX578962 Sequence
	63	11	36.7	17	6	AX579657	AX579657 Sequence
	64	11	36.7	17	6	AX580154	AX580154 Sequence
c	65	11	36.7	17	6	AX634847	AX634847 Sequence
c	66	11	36.7	18	6	AR080885	AR080885 Sequence
	67	11	36.7	18	6	AX838324	AX838324 Sequence
c	68	11	36.7	18	6	BD107651	BD107651 Modified
	69	11	36.7	19	6	AX512405	AX512405 Sequence
	70	11	36.7	20	6	CQ767075	CQ767075 Sequence
c	71	11	36.7	20	6	AR373826	AR373826 Sequence
c	72	11	36.7	20	6	AX293492	AX293492 Sequence
c	73	11	36.7	20	6	AX418823	AX418823 Sequence
	74	11	36.7	20	6	AX476946	AX476946 Sequence
	75	11	36.7	20	6	AX526322	AX526322 Sequence
c	76	11	36.7	21	6	CQ776106	CQ776106 Sequence
c	77	11	36.7	21	6	CQ786184	CQ786184 Sequence
	78	11	36.7	21	6	AR300035	AR300035 Sequence
c	79	11	36.7	21	6	AX418453	AX418453 Sequence
c	80	11	36.7	22	6	CQ814768	CQ814768 Sequence
c	81	11	36.7	22	6	I22559	I22559 Sequence 47
c	82	11	36.7	22	6	I47384	I47384 Sequence 47
c	83	11	36.7	23	6	AR018745	AR018745 Sequence
	84	11	36.7	23	6	AR340147	AR340147 Sequence
	85	11	36.7	23	6	AX057037	AX057037 Sequence
	86	11	36.7	23	6	BD090875	BD090875 Novel pro
	87	11	36.7	23	6	BD101882	BD101882 Novel pro
c	88	11	36.7	24	6	AX288859	AX288859 Sequence
c	89	11	36.7	24	6	AX289359	AX289359 Sequence
	90	11	36.7	25	6	AR174588	AR174588 Sequence
	91	11	36.7	25	6	BD248981	BD248981 Novel cyt
c	92	11	36.7	25	6	AR254067	AR254067 Sequence
	93	11	36.7	25	6	AR374080	AR374080 Sequence
	94	11	36.7	25	6	AR456230	AR456230 Sequence
	95	11	36.7	26	6	A69774	A69774 Sequence 10
c	96	11	36.7	26	6	BD271379	BD271379 Molecular
	97	11	36.7	26	6	AR209842	AR209842 Sequence
c	98	11	36.7	26	6	AX049208	AX049208 Sequence
c	99	11	36.7	26	6	AX049813	AX049813 Sequence
c	100	11	36.7	26	6	AX050811	AX050811 Sequence
c	101	11	36.7	26	6	AX511106	AX511106 Sequence
	102	11	36.7	26	6	AX924197	AX924197 Sequence
c	103	11	36.7	26	6	AX927884	AX927884 Sequence
c	104	11	36.7	27	6	AR392179	AR392179 Sequence
c	105	11	36.7	29	6	AR068555	AR068555 Sequence
c	106	11	36.7	29	6	AR076503	AR076503 Sequence
	107	11	36.7	29	6	BD252225	BD252225 Regulatio
	108	11	36.7	29	6	BD259135	BD259135 Regulatio
c	109	11	36.7	30	6	AR382537	AR382537 Sequence
	110	11	36.7	31	6	AX248542	AX248542 Sequence
	111	11	36.7	32	6	I15376	I15376 Sequence 8
	112	11	36.7	33	6	AX084268	AX084268 Sequence
c	113	11	36.7	34	6	CQ846950	CQ846950 Sequence
c	114	11	36.7	34	6	AX776540	AX776540 Sequence
c	115	11	36.7	35	6	E29454	E29454 Novel metho
	116	11	36.7	36	6	AR056946	AR056946 Sequence
	117	11	36.7	36	6	AR057048	AR057048 Sequence
c	118	11	36.7	36	6	AR095500	AR095500 Sequence

119	11	36.7	36	6	AR114704	AR114704 Sequence
120	11	36.7	36	6	AR114806	AR114806 Sequence
c 121	11	36.7	36	6	I27820	I27820 Sequence 3
122	11	36.7	36	6	AX634005	AX634005 Sequence
123	11	36.7	36	6	AX634107	AX634107 Sequence
124	11	36.7	37	6	E07960	E07960 Primer. 9/1
125	11	36.7	38	6	AR336188	AR336188 Sequence
126	11	36.7	38	6	AX424161	AX424161 Sequence
127	11	36.7	38	6	AX580843	AX580843 Sequence
c 128	11	36.7	39	6	AX058678	AX058678 Sequence
129	11	36.7	40	6	AX538372	AX538372 Sequence
c 130	11	36.7	40	6	AX538373	AX538373 Sequence
c 131	11	36.7	41	6	AR109089	AR109089 Sequence
c 132	11	36.7	41	6	AR200744	AR200744 Sequence
c 133	11	36.7	41	6	AX327047	AX327047 Sequence
c 134	11	36.7	41	6	AX327048	AX327048 Sequence
135	11	36.7	41	6	AX513862	AX513862 Sequence
136	11	36.7	41	6	AX519138	AX519138 Sequence
137	11	36.7	42	6	AR160937	AR160937 Sequence
138	11	36.7	42	6	I16108	I16108 Sequence 15
c 139	11	36.7	43	6	E29456	E29456 Novel metho
c 140	11	36.7	46	6	A94955	A94955 Sequence 40
141	11	36.7	46	6	A94956	A94956 Sequence 41
142	11	36.7	46	6	AX665046	AX665046 Sequence
143	11	36.7	46	6	AX961525	AX961525 Sequence
c 144	11	36.7	47	6	A51618	A51618 Sequence 28
c 145	11	36.7	48	6	AR217118	AR217118 Sequence
c 146	11	36.7	51	6	CQ003900	CQ003900 Sequence
c 147	11	36.7	51	6	AR444420	AR444420 Sequence
c 148	11	36.7	51	6	AR444421	AR444421 Sequence
149	11	36.7	51	6	AX118377	AX118377 Sequence
c 150	11	36.7	51	6	AX162617	AX162617 Sequence
c 151	11	36.7	51	6	AX162618	AX162618 Sequence
152	11	36.7	51	6	AX190074	AX190074 Sequence
153	11	36.7	51	6	AX190075	AX190075 Sequence
154	11	36.7	51	6	AX190076	AX190076 Sequence
155	11	36.7	51	6	AX190077	AX190077 Sequence
c 156	11	36.7	52	6	I15375	I15375 Sequence 7
c 157	11	36.7	57	6	AR487709	AR487709 Sequence
c 158	11	36.7	57	6	AX722015	AX722015 Sequence
c 159	11	36.7	60	6	CQ537971	CQ537971 Sequence
c 160	11	36.7	60	6	CQ541741	CQ541741 Sequence
161	11	36.7	60	6	CQ541787	CQ541787 Sequence
162	11	36.7	60	6	CQ542305	CQ542305 Sequence
163	11	36.7	60	6	CQ543297	CQ543297 Sequence
164	11	36.7	60	6	CQ544225	CQ544225 Sequence
165	11	36.7	60	6	CQ548668	CQ548668 Sequence
c 166	11	36.7	60	6	CQ548783	CQ548783 Sequence
167	11	36.7	60	6	CQ551747	CQ551747 Sequence
168	11	36.7	60	6	CQ553157	CQ553157 Sequence
169	11	36.7	60	6	I87861	I87861 Sequence 14
170	11	36.7	60	6	AR242211	AR242211 Sequence
171	11	36.7	61	6	AR355912	AR355912 Sequence
c 172	11	36.7	65	6	CQ531337	CQ531337 Sequence
c 173	11	36.7	65	6	CQ533562	CQ533562 Sequence
c 174	11	36.7	65	6	CQ554314	CQ554314 Sequence
175	11	36.7	65	6	CQ559023	CQ559023 Sequence

176	11	36.7	65	6	CQ559467	CQ559467 Sequence
c 177	11	36.7	69	6	AR081748	AR081748 Sequence
c 178	11	36.7	69	6	AR167980	AR167980 Sequence
c 179	11	36.7	69	6	AR213311	AR213311 Sequence
c 180	11	36.7	69	6	AR256148	AR256148 Sequence
c 181	11	36.7	69	6	AR275105	AR275105 Sequence
c 182	11	36.7	69	6	AR306238	AR306238 Sequence
c 183	11	36.7	69	6	AR371626	AR371626 Sequence
c 184	11	36.7	71	6	AR165749	AR165749 Sequence
c 185	11	36.7	71	6	AR304945	AR304945 Sequence
c 186	11	36.7	72	8	ATH527102	AJ527102 Arabidops
c 187	11	36.7	72	8	ATH527127	AJ527127 Arabidops
c 188	11	36.7	74	6	AR147540	AR147540 Sequence
189	11	36.7	78	6	CQ150038	CQ150038 Sequence
190	11	36.7	78	6	CQ233340	CQ233340 Sequence
191	11	36.7	78	6	CQ271257	CQ271257 Sequence
c 192	11	36.7	78	6	CQ308499	CQ308499 Sequence
193	11	36.7	78	6	CQ308657	CQ308657 Sequence
194	11	36.7	78	6	CQ345409	CQ345409 Sequence
c 195	11	36.7	78	10	AF284772	AF284772 Mus muscu
c 196	11	36.7	81	14	AF166648	AF166648 Hepatitis
c 197	11	36.7	81	14	AF166649	AF166649 Hepatitis
c 198	11	36.7	81	14	AF166650	AF166650 Hepatitis
c 199	11	36.7	81	14	AF166651	AF166651 Hepatitis
c 200	11	36.7	81	14	AF166653	AF166653 Hepatitis
c 201	11	36.7	81	14	AF166654	AF166654 Hepatitis
c 202	11	36.7	81	14	AF166656	AF166656 Hepatitis
c 203	11	36.7	81	14	AF166657	AF166657 Hepatitis
c 204	11	36.7	81	14	AF166658	AF166658 Hepatitis
c 205	11	36.7	81	14	AF166659	AF166659 Hepatitis
c 206	11	36.7	81	14	AF166660	AF166660 Hepatitis
c 207	11	36.7	81	14	AF166661	AF166661 Hepatitis
c 208	11	36.7	81	14	AF166662	AF166662 Hepatitis
c 209	11	36.7	81	14	AF166663	AF166663 Hepatitis
c 210	11	36.7	81	14	AF166664	AF166664 Hepatitis
c 211	11	36.7	81	14	AF166665	AF166665 Hepatitis
c 212	11	36.7	81	14	AF166667	AF166667 Hepatitis
c 213	11	36.7	81	14	AF462989	AF462989 Hepatitis
c 214	11	36.7	81	14	AF462990	AF462990 Hepatitis
c 215	11	36.7	81	14	AF462991	AF462991 Hepatitis
c 216	11	36.7	81	14	AF462992	AF462992 Hepatitis
c 217	11	36.7	81	14	AF462993	AF462993 Hepatitis
c 218	11	36.7	81	14	AF462994	AF462994 Hepatitis
c 219	11	36.7	81	14	AF462995	AF462995 Hepatitis
c 220	11	36.7	81	14	AF462996	AF462996 Hepatitis
c 221	11	36.7	81	14	AF462997	AF462997 Hepatitis
c 222	11	36.7	81	14	AF462998	AF462998 Hepatitis
c 223	11	36.7	81	14	AF462999	AF462999 Hepatitis
c 224	11	36.7	81	14	AF463000	AF463000 Hepatitis
c 225	11	36.7	81	14	AF463001	AF463001 Hepatitis
c 226	11	36.7	81	14	AF463002	AF463002 Hepatitis
c 227	11	36.7	81	14	AF463003	AF463003 Hepatitis
c 228	11	36.7	81	14	AF463004	AF463004 Hepatitis
c 229	11	36.7	81	14	AF463005	AF463005 Hepatitis
c 230	11	36.7	81	14	AF463006	AF463006 Hepatitis
c 231	11	36.7	81	14	AF463007	AF463007 Hepatitis
c 232	11	36.7	81	14	AF463008	AF463008 Hepatitis

c 233	11	36.7	81	14	AF463009	AF463009 Hepatitis
c 234	11	36.7	81	14	AF463010	AF463010 Hepatitis
c 235	11	36.7	81	14	AF463011	AF463011 Hepatitis
c 236	11	36.7	81	14	AF463013	AF463013 Hepatitis
c 237	11	36.7	81	14	AF463014	AF463014 Hepatitis
c 238	11	36.7	81	14	AF463015	AF463015 Hepatitis
c 239	11	36.7	81	14	AF463016	AF463016 Hepatitis
c 240	11	36.7	81	14	AF463017	AF463017 Hepatitis
c 241	11	36.7	81	14	AF463018	AF463018 Hepatitis
c 242	11	36.7	81	14	AF463019	AF463019 Hepatitis
c 243	11	36.7	81	14	AF463020	AF463020 Hepatitis
c 244	11	36.7	81	14	AF463021	AF463021 Hepatitis
c 245	11	36.7	81	14	AF463022	AF463022 Hepatitis
c 246	11	36.7	81	14	AF463023	AF463023 Hepatitis
c 247	11	36.7	81	14	AF463024	AF463024 Hepatitis
c 248	11	36.7	81	14	AF463025	AF463025 Hepatitis
c 249	11	36.7	81	14	AF463026	AF463026 Hepatitis
c 250	11	36.7	81	14	AF463027	AF463027 Hepatitis
c 251	11	36.7	81	14	AF463029	AF463029 Hepatitis
c 252	11	36.7	81	14	AF463030	AF463030 Hepatitis
c 253	11	36.7	81	14	AF463031	AF463031 Hepatitis
c 254	11	36.7	81	14	AF463032	AF463032 Hepatitis
c 255	11	36.7	81	14	AF463033	AF463033 Hepatitis
256	11	36.7	91	14	AY601350	AY601350 Human pap
257	11	36.7	91	14	AY601351	AY601351 Human pap
258	11	36.7	94	6	CQ056458	CQ056458 Sequence
259	11	36.7	94	6	CQ075725	CQ075725 Sequence
260	11	36.7	94	6	CQ106706	CQ106706 Sequence
261	11	36.7	94	6	CQ145358	CQ145358 Sequence
262	11	36.7	94	6	CQ180798	CQ180798 Sequence
263	11	36.7	94	6	CQ205174	CQ205174 Sequence
264	11	36.7	94	6	CQ228553	CQ228553 Sequence
265	11	36.7	94	6	CQ266709	CQ266709 Sequence
266	11	36.7	94	6	CQ303660	CQ303660 Sequence
267	11	36.7	94	6	CQ340992	CQ340992 Sequence
c 268	11	36.7	97	11	HSU57850	U57850 Human clone
269	11	36.7	99	14	HPVL1211	Y12221 Human papil
270	11	36.7	99	14	S40273	S40273 L1 [human p
271	11	36.7	99	14	S40279	S40279 L1 [human p
c 272	11	36.7	100	6	AX988827	AX988827 Sequence
273	11	36.7	100	6	AX993622	AX993622 Sequence
c 274	11	36.7	100	6	AX994451	AX994451 Sequence
275	11	36.7	100	6	AX997532	AX997532 Sequence
276	11	36.7	100	9	H007727S12	AF091869 Homo sapi
277	10	33.3	11	6	AX623549	AX623549 Sequence
278	10	33.3	11	6	AX630970	AX630970 Sequence
c 279	10	33.3	12	6	AR222372	AR222372 Sequence
c 280	10	33.3	13	6	CQ794303	CQ794303 Sequence
c 281	10	33.3	15	6	AR180226	AR180226 Sequence
c 282	10	33.3	15	6	AR180553	AR180553 Sequence
283	10	33.3	15	6	AX456722	AX456722 Sequence
284	10	33.3	15	9	S65223	S65223 arylsulfata
285	10	33.3	16	6	AR474443	AR474443 Sequence
286	10	33.3	16	6	AR475507	AR475507 Sequence
287	10	33.3	16	6	AX456726	AX456726 Sequence
288	10	33.3	16	6	AX686165	AX686165 Sequence
c 289	10	33.3	17	6	AR057510	AR057510 Sequence

c 290	10	33.3	17	6	AR115268	AR115268 Sequence
c 291	10	33.3	17	6	BD201515	BD201515 Method an
292	10	33.3	17	6	AX456729	AX456729 Sequence
293	10	33.3	17	6	AX578982	AX578982 Sequence
294	10	33.3	17	6	AX579440	AX579440 Sequence
295	10	33.3	17	6	AX579667	AX579667 Sequence
296	10	33.3	17	6	AX579882	AX579882 Sequence
297	10	33.3	17	6	AX580153	AX580153 Sequence
298	10	33.3	17	6	AX580155	AX580155 Sequence
299	10	33.3	17	6	AX580167	AX580167 Sequence
c 300	10	33.3	17	6	AX634569	AX634569 Sequence
c 301	10	33.3	17	6	AX727817	AX727817 Sequence
302	10	33.3	17	6	AX732996	AX732996 Sequence
303	10	33.3	17	6	AX736879	AX736879 Sequence
c 304	10	33.3	17	6	AX757644	AX757644 Sequence
c 305	10	33.3	17	6	AX760894	AX760894 Sequence
306	10	33.3	18	6	AR173935	AR173935 Sequence
307	10	33.3	18	6	AX456731	AX456731 Sequence
c 308	10	33.3	19	6	AR139882	AR139882 Sequence
c 309	10	33.3	19	6	AR167526	AR167526 Sequence
c 310	10	33.3	19	6	CQ788477	CQ788477 Sequence
c 311	10	33.3	19	6	CQ817670	CQ817670 Sequence
c 312	10	33.3	19	6	AR234250	AR234250 Sequence
c 313	10	33.3	19	6	AR476167	AR476167 Sequence
c 314	10	33.3	19	6	AR488052	AR488052 Sequence
315	10	33.3	19	6	AX201468	AX201468 Sequence
316	10	33.3	19	6	AX600977	AX600977 Sequence
317	10	33.3	19	6	AX661894	AX661894 Sequence
318	10	33.3	19	6	AX686093	AX686093 Sequence
c 319	10	33.3	19	6	BD084554	BD084554 Recombina
320	10	33.3	19	12	AB069422	AB069422 Synthetic
c 321	10	33.3	20	6	A63044	A63044 Sequence 15
c 322	10	33.3	20	6	AR150219	AR150219 Sequence
c 323	10	33.3	20	6	AR150362	AR150362 Sequence
c 324	10	33.3	20	6	BD228092	BD228092 Antisense
c 325	10	33.3	20	6	BD228235	BD228235 Antisense
326	10	33.3	20	6	CQ757474	CQ757474 Sequence
327	10	33.3	20	6	CQ766659	CQ766659 Sequence
c 328	10	33.3	20	6	CQ830194	CQ830194 Sequence
c 329	10	33.3	20	6	I31364	I31364 Sequence 27
330	10	33.3	20	6	AR206639	AR206639 Sequence
c 331	10	33.3	20	6	AR208810	AR208810 Sequence
332	10	33.3	20	6	AR221038	AR221038 Sequence
c 333	10	33.3	20	6	AR230881	AR230881 Sequence
334	10	33.3	20	6	AR271178	AR271178 Sequence
c 335	10	33.3	20	6	AR310909	AR310909 Sequence
c 336	10	33.3	20	6	AR313541	AR313541 Sequence
337	10	33.3	20	6	AR315267	AR315267 Sequence
c 338	10	33.3	20	6	AR350267	AR350267 Sequence
339	10	33.3	20	6	AR448946	AR448946 Sequence
c 340	10	33.3	20	6	AR455098	AR455098 Sequence
341	10	33.3	20	6	AR472121	AR472121 Sequence
342	10	33.3	20	6	AX105092	AX105092 Sequence
343	10	33.3	20	6	AX116550	AX116550 Sequence
c 344	10	33.3	20	6	AX326926	AX326926 Sequence
345	10	33.3	20	6	AX376688	AX376688 Sequence
346	10	33.3	20	6	AX453645	AX453645 Sequence

c 347	10	33.3	20	6	AX521732	AX521732 Sequence
348	10	33.3	20	6	AX720291	AX720291 Sequence
349	10	33.3	20	6	AX720302	AX720302 Sequence
c 350	10	33.3	20	6	AX921576	AX921576 Sequence
c 351	10	33.3	20	6	BD093493	BD093493 Reagents
352	10	33.3	20	6	BD093498	BD093498 Reagents
353	10	33.3	20	6	BD133903	BD133903 Killifish
354	10	33.3	21	6	A56996	A56996 Sequence 54
355	10	33.3	21	6	A70805	A70805 Sequence 12
356	10	33.3	21	6	A79289	A79289 Sequence 12
357	10	33.3	21	6	AR052907	AR052907 Sequence
358	10	33.3	21	6	AR054270	AR054270 Sequence
359	10	33.3	21	6	AR054472	AR054472 Sequence
c 360	10	33.3	21	6	AR070085	AR070085 Sequence
361	10	33.3	21	6	AR076827	AR076827 Sequence
c 362	10	33.3	21	6	AR092564	AR092564 Sequence
363	10	33.3	21	6	AR095586	AR095586 Sequence
364	10	33.3	21	6	AR116810	AR116810 Sequence
365	10	33.3	21	6	AR146867	AR146867 Sequence
366	10	33.3	21	6	AR151464	AR151464 Sequence
c 367	10	33.3	21	6	BD230484	BD230484 Total gen
c 368	10	33.3	21	6	CQ753128	CQ753128 Sequence
369	10	33.3	21	6	E55080	E55080 Plant promo
c 370	10	33.3	21	6	AR258169	AR258169 Sequence
c 371	10	33.3	21	6	AR344391	AR344391 Sequence
372	10	33.3	21	6	AR363568	AR363568 Sequence
c 373	10	33.3	21	6	AX001033	AX001033 Sequence
374	10	33.3	21	6	AX040420	AX040420 Sequence
c 375	10	33.3	21	6	AX116846	AX116846 Sequence
376	10	33.3	21	6	AX417070	AX417070 Sequence
377	10	33.3	21	6	AX452335	AX452335 Sequence
378	10	33.3	21	6	AX538706	AX538706 Sequence
c 379	10	33.3	21	6	AX670801	AX670801 Sequence
380	10	33.3	21	6	AX675751	AX675751 Sequence
381	10	33.3	21	6	BD003519	BD003519 A gene re
c 382	10	33.3	21	6	BD076510	BD076510 Fibroblas
383	10	33.3	21	6	BD131058	BD131058 Method an
c 384	10	33.3	21	6	BD136201	BD136201 Retrovira
385	10	33.3	22	6	A36279	A36279 Sequence 2
c 386	10	33.3	22	6	AR066902	AR066902 Sequence
c 387	10	33.3	22	6	AR070169	AR070169 Sequence
388	10	33.3	22	6	BD178325	BD178325 Transform
389	10	33.3	22	6	BD182570	BD182570 Gene tran
c 390	10	33.3	22	6	I21373	I21373 Sequence 1
391	10	33.3	22	6	I83379	I83379 Sequence 2
392	10	33.3	22	6	AR236280	AR236280 Sequence
393	10	33.3	22	6	AR371486	AR371486 Sequence
c 394	10	33.3	22	6	AX115595	AX115595 Sequence
395	10	33.3	22	6	AX195440	AX195440 Sequence
c 396	10	33.3	22	6	AX357983	AX357983 Sequence
397	10	33.3	22	6	AX466892	AX466892 Sequence
398	10	33.3	22	6	AX925718	AX925718 Sequence
399	10	33.3	22	6	AX937570	AX937570 Sequence
400	10	33.3	22	6	BD013066	BD013066 Cyclic de
401	10	33.3	22	6	BD013080	BD013080 Regulator
c 402	10	33.3	23	6	A04126	A04126 Synthetic o
403	10	33.3	23	6	AX298462	AX298462 Sequence

404	10	33.3	23	6	AX487068	AX487068	Sequence
405	10	33.3	23	6	AX937618	AX937618	Sequence
406	10	33.3	23	6	AX952200	AX952200	Sequence
407	10	33.3	23	6	BD093926	BD093926	Transform
c 408	10	33.3	24	6	AR037786	AR037786	Sequence
409	10	33.3	24	6	AR037801	AR037801	Sequence
c 410	10	33.3	24	6	AR037842	AR037842	Sequence
411	10	33.3	24	6	CQ785913	CQ785913	Sequence
c 412	10	33.3	24	6	I32619	I32619	Sequence 4
413	10	33.3	24	6	I32634	I32634	Sequence 19
c 414	10	33.3	24	6	AR478988	AR478988	Sequence
415	10	33.3	24	6	AX148236	AX148236	Sequence
416	10	33.3	24	6	AX148284	AX148284	Sequence
c 417	10	33.3	24	6	AX288339	AX288339	Sequence
c 418	10	33.3	24	6	AX445856	AX445856	Sequence
419	10	33.3	24	6	AX699587	AX699587	Sequence
c 420	10	33.3	24	6	AX817560	AX817560	Sequence
c 421	10	33.3	24	6	AX817562	AX817562	Sequence
422	10	33.3	24	6	BD015689	BD015689	Novel pro
423	10	33.3	24	6	BD094842	BD094842	Novel pro
424	10	33.3	24	6	BD107565	BD107565	Nucleic a
c 425	10	33.3	25	6	AR059371	AR059371	Sequence
c 426	10	33.3	25	6	AR071647	AR071647	Sequence
c 427	10	33.3	25	6	BD263108	BD263108	Phosphodi
c 428	10	33.3	25	6	AR230509	AR230509	Sequence
429	10	33.3	25	6	AR239235	AR239235	Sequence
c 430	10	33.3	25	6	AR252639	AR252639	Sequence
c 431	10	33.3	25	6	AR310204	AR310204	Sequence
c 432	10	33.3	25	6	AR350616	AR350616	Sequence
c 433	10	33.3	25	6	AR494350	AR494350	Sequence
434	10	33.3	25	6	AX196796	AX196796	Sequence
435	10	33.3	25	6	AX279037	AX279037	Sequence
c 436	10	33.3	25	6	AX403508	AX403508	Sequence
437	10	33.3	25	6	AX511858	AX511858	Sequence
c 438	10	33.3	26	6	BD187317	BD187317	Methods o
c 439	10	33.3	26	6	CQ774732	CQ774732	Sequence
c 440	10	33.3	26	6	AX183862	AX183862	Sequence
c 441	10	33.3	26	6	AX223874	AX223874	Sequence
c 442	10	33.3	26	6	AX454260	AX454260	Sequence
c 443	10	33.3	26	6	AX466858	AX466858	Sequence
444	10	33.3	26	6	AX556604	AX556604	Sequence
445	10	33.3	26	6	AX686626	AX686626	Sequence
c 446	10	33.3	26	6	AX703018	AX703018	Sequence
c 447	10	33.3	26	6	BD016449	BD016449	Gene deri
c 448	10	33.3	26	6	BD085711	BD085711	Scavenger
449	10	33.3	26	6	BD134691	BD134691	Human mal
450	10	33.3	27	6	AR014464	AR014464	Sequence
451	10	33.3	27	6	AR014466	AR014466	Sequence
452	10	33.3	27	6	AR041056	AR041056	Sequence
453	10	33.3	27	6	AR101654	AR101654	Sequence
454	10	33.3	27	6	AR101655	AR101655	Sequence
c 455	10	33.3	27	6	AR130231	AR130231	Sequence
c 456	10	33.3	27	6	AR130232	AR130232	Sequence
c 457	10	33.3	27	6	AR173433	AR173433	Sequence
458	10	33.3	27	6	BD207821	BD207821	Enzymatic
c 459	10	33.3	27	6	BD217981	BD217981	Regulatio
c 460	10	33.3	27	6	BD217982	BD217982	Regulatio

461	10	33.3	27	6	BD233786	BD233786 Polynucle
c 462	10	33.3	27	6	BD273263	BD273263 Methods f
463	10	33.3	27	6	BD273264	BD273264 Methods f
464	10	33.3	27	6	AR185214	AR185214 Sequence
465	10	33.3	27	6	AR191347	AR191347 Sequence
c 466	10	33.3	27	6	AR194126	AR194126 Sequence
c 467	10	33.3	27	6	AR274207	AR274207 Sequence
c 468	10	33.3	27	6	AR274208	AR274208 Sequence
469	10	33.3	27	6	AR281740	AR281740 Sequence
c 470	10	33.3	27	6	AR303003	AR303003 Sequence
471	10	33.3	27	6	AR340838	AR340838 Sequence
c 472	10	33.3	27	6	AR430860	AR430860 Sequence
c 473	10	33.3	27	6	AR430861	AR430861 Sequence
474	10	33.3	27	6	AR473414	AR473414 Sequence
475	10	33.3	27	6	AX151756	AX151756 Sequence
476	10	33.3	27	6	AX496736	AX496736 Sequence
477	10	33.3	27	6	BD138050	BD138050 Expressio
c 478	10	33.3	27	6	BD139535	BD139535 Regulatio
c 479	10	33.3	27	6	BD139536	BD139536 Regulatio
c 480	10	33.3	28	6	AR027474	AR027474 Sequence
c 481	10	33.3	28	6	AR161760	AR161760 Sequence
c 482	10	33.3	28	6	AR161771	AR161771 Sequence
c 483	10	33.3	28	6	CQ797688	CQ797688 Sequence
c 484	10	33.3	28	6	CQ802929	CQ802929 Sequence
485	10	33.3	29	6	AR038879	AR038879 Sequence
486	10	33.3	29	6	AR055260	AR055260 Sequence
487	10	33.3	29	6	AR143230	AR143230 Sequence
c 488	10	33.3	29	6	AR172354	AR172354 Sequence
489	10	33.3	29	6	BD252237	BD252237 Regulatio
490	10	33.3	29	6	BD258905	BD258905 Regulatio
491	10	33.3	29	6	CQ798831	CQ798831 Sequence
c 492	10	33.3	29	6	AR361369	AR361369 Sequence
493	10	33.3	29	6	AR429699	AR429699 Sequence
494	10	33.3	29	6	AR448656	AR448656 Sequence
495	10	33.3	29	6	AX099620	AX099620 Sequence
c 496	10	33.3	29	6	AX328991	AX328991 Sequence
497	10	33.3	29	6	BD063996	BD063996 Secreted
498	10	33.3	29	6	BD085773	BD085773 Alpha-amy
c 499	10	33.3	29	6	BD167370	BD167370 Protein p
500	10	33.3	30	6	A35258	A35258 Synthetic o
501	10	33.3	30	6	AR012291	AR012291 Sequence
502	10	33.3	30	6	AR028314	AR028314 Sequence
c 503	10	33.3	30	6	AR118762	AR118762 Sequence
504	10	33.3	30	6	AR178227	AR178227 Sequence
c 505	10	33.3	30	6	CQ797684	CQ797684 Sequence
c 506	10	33.3	30	6	I06394	I06394 Sequence 14
507	10	33.3	30	6	I14989	I14989 Sequence 75
508	10	33.3	30	6	I73709	I73709 Sequence 75
509	10	33.3	30	6	AR214509	AR214509 Sequence
c 510	10	33.3	30	6	AX058671	AX058671 Sequence
511	10	33.3	30	6	AX498215	AX498215 Sequence
512	10	33.3	30	6	AX792817	AX792817 Sequence
c 513	10	33.3	30	6	BD004773	BD004773 Novel VEG
c 514	10	33.3	30	6	BD168848	BD168848 Antibody
515	10	33.3	31	6	AR027107	AR027107 Sequence
516	10	33.3	31	6	AX589671	AX589671 Sequence
c 517	10	33.3	31	6	AX961299	AX961299 Sequence

518	10	33.3	31	6	BD002499	BD002499 Gene comp
c 519	10	33.3	31	6	BD012901	BD012901 Gene codi
c 520	10	33.3	32	6	AR491968	AR491968 Sequence
521	10	33.3	32	6	AX046645	AX046645 Sequence
522	10	33.3	32	6	AX076709	AX076709 Sequence
523	10	33.3	32	6	AX367135	AX367135 Sequence
c 524	10	33.3	32	6	AX801707	AX801707 Sequence
c 525	10	33.3	32	6	BD081196	BD081196 Persephin
526	10	33.3	33	6	AR014461	AR014461 Sequence
527	10	33.3	33	6	AR473390	AR473390 Sequence
c 528	10	33.3	33	6	AX135115	AX135115 Sequence
529	10	33.3	33	6	BD138026	BD138026 Expressio
c 530	10	33.3	34	6	AR003388	AR003388 Sequence
c 531	10	33.3	34	6	AR151206	AR151206 Sequence
532	10	33.3	34	6	AR169186	AR169186 Sequence
533	10	33.3	34	6	BD205851	BD205851 Compounds
534	10	33.3	34	6	CQ785437	CQ785437 Sequence
c 535	10	33.3	34	6	I21177	I21177 Sequence 23
c 536	10	33.3	34	6	I74444	I74444 Sequence 23
537	10	33.3	34	6	AR182476	AR182476 Sequence
538	10	33.3	34	6	AR194859	AR194859 Sequence
539	10	33.3	34	6	AR233131	AR233131 Sequence
540	10	33.3	34	6	AR353336	AR353336 Sequence
541	10	33.3	34	6	AX052678	AX052678 Sequence
542	10	33.3	34	6	AX429630	AX429630 Sequence
543	10	33.3	34	6	AX557063	AX557063 Sequence
544	10	33.3	34	6	AX832615	AX832615 Sequence
545	10	33.3	34	6	BD006359	BD006359 Compounds
546	10	33.3	34	6	BD006479	BD006479 Compounds
547	10	33.3	34	6	BD069319	BD069319 Compounds
c 548	10	33.3	35	6	A68639	A68639 Sequence 7
c 549	10	33.3	35	6	BD205242	BD205242 Cells gen
c 550	10	33.3	35	6	BD235828	BD235828 Inductibl
c 551	10	33.3	35	6	E07958	E07958 Primer. 9/1
c 552	10	33.3	35	6	AR194193	AR194193 Sequence
c 553	10	33.3	35	6	AR221289	AR221289 Sequence
c 554	10	33.3	35	6	AR243207	AR243207 Sequence
555	10	33.3	35	6	AR452221	AR452221 Sequence
556	10	33.3	35	6	AX262313	AX262313 Sequence
c 557	10	33.3	35	6	AX511880	AX511880 Sequence
c 558	10	33.3	35	6	AX839719	AX839719 Sequence
c 559	10	33.3	35	11	C75741	C75741 Homo sapien
c 560	10	33.3	36	6	A89672	A89672 Sequence 4
c 561	10	33.3	36	6	A89809	A89809 Sequence 4
c 562	10	33.3	36	6	AR151687	AR151687 Sequence
563	10	33.3	36	6	I06215	I06215 Sequence 1
564	10	33.3	36	6	I08267	I08267 Sequence 1
565	10	33.3	36	6	I25210	I25210 Sequence 4
566	10	33.3	36	6	I35297	I35297 Sequence 26
c 567	10	33.3	36	6	BD141422	BD141422 Protein d
c 568	10	33.3	37	6	A97404	A97404 Sequence 7
c 569	10	33.3	37	6	AR080929	AR080929 Sequence
570	10	33.3	37	6	AR080971	AR080971 Sequence
c 571	10	33.3	37	6	AR080972	AR080972 Sequence
572	10	33.3	37	6	AR080973	AR080973 Sequence
c 573	10	33.3	37	6	I24974	I24974 Sequence 14
c 574	10	33.3	37	6	I60278	I60278 Sequence 12

575	10	33.3	37	6	I60320	I60320 Sequence 54
c 576	10	33.3	37	6	I60321	I60321 Sequence 55
577	10	33.3	37	6	I60322	I60322 Sequence 56
c 578	10	33.3	37	6	AX058848	AX058848 Sequence
c 579	10	33.3	37	6	AX647936	AX647936 Sequence
580	10	33.3	38	6	A26131	A26131 Artificial
581	10	33.3	38	6	A29558	A29558 K.lactis ge
582	10	33.3	38	6	AR167629	AR167629 Sequence
583	10	33.3	38	6	BD195128	BD195128 Screening
584	10	33.3	38	6	I33669	I33669 Sequence 12
585	10	33.3	38	6	I43817	I43817 Sequence 4
586	10	33.3	38	6	AR240197	AR240197 Sequence
587	10	33.3	38	6	AR330418	AR330418 Sequence
588	10	33.3	38	6	AR333291	AR333291 Sequence
589	10	33.3	38	6	AR335056	AR335056 Sequence
c 590	10	33.3	38	6	AR336323	AR336323 Sequence
591	10	33.3	38	6	AX219282	AX219282 Sequence
c 592	10	33.3	38	6	AX219405	AX219405 Sequence
c 593	10	33.3	38	6	AX247611	AX247611 Sequence
c 594	10	33.3	38	6	AX247612	AX247612 Sequence
595	10	33.3	38	6	AX347576	AX347576 Sequence
596	10	33.3	38	6	AX424489	AX424489 Sequence
597	10	33.3	38	6	AX441278	AX441278 Sequence
598	10	33.3	38	6	BD160963	BD160963 Method fo
c 599	10	33.3	39	6	A18283	A18283 oligonucleo
600	10	33.3	39	6	AR130211	AR130211 Sequence
601	10	33.3	39	6	AR174243	AR174243 Sequence
602	10	33.3	39	6	AR174273	AR174273 Sequence
603	10	33.3	39	6	AR174275	AR174275 Sequence
604	10	33.3	39	6	AR179168	AR179168 Sequence
605	10	33.3	39	6	BD217953	BD217953 Regulatio
c 606	10	33.3	39	6	I56857	I56857 Sequence 4
607	10	33.3	39	6	AR274179	AR274179 Sequence
c 608	10	33.3	39	6	AR303007	AR303007 Sequence
c 609	10	33.3	39	6	AR303008	AR303008 Sequence
610	10	33.3	39	6	AR430842	AR430842 Sequence
c 611	10	33.3	40	6	AR009866	AR009866 Sequence
c 612	10	33.3	40	6	AR035940	AR035940 Sequence
c 613	10	33.3	40	6	I20176	I20176 Sequence 13
c 614	10	33.3	40	6	AR340354	AR340354 Sequence
615	10	33.3	40	6	AX538316	AX538316 Sequence
616	10	33.3	40	6	AX538388	AX538388 Sequence
c 617	10	33.3	40	6	AX538391	AX538391 Sequence
c 618	10	33.3	41	6	AR408926	AR408926 Sequence
c 619	10	33.3	41	6	AX100933	AX100933 Sequence
c 620	10	33.3	41	6	AX515867	AX515867 Sequence
c 621	10	33.3	41	6	AX521124	AX521124 Sequence
622	10	33.3	41	6	AX521131	AX521131 Sequence
623	10	33.3	42	6	E13595	E13595 Ribozyme wh
624	10	33.3	43	6	BD227025	BD227025 Cytosine
c 625	10	33.3	43	6	AR183093	AR183093 Sequence
c 626	10	33.3	43	6	AR431810	AR431810 Sequence
627	10	33.3	43	6	AX484533	AX484533 Sequence
c 628	10	33.3	43	6	BD086449	BD086449 Peptide c
c 629	10	33.3	45	6	A94953	A94953 Sequence 38
630	10	33.3	45	6	A94954	A94954 Sequence 39
c 631	10	33.3	45	6	AR194143	AR194143 Sequence

632	10	33.3	45	6	AR410184	AR410184 Sequence
c 633	10	33.3	45	6	AR410185	AR410185 Sequence
634	10	33.3	45	6	AX576977	AX576977 Sequence
c 635	10	33.3	45	6	AX576978	AX576978 Sequence
c 636	10	33.3	45	9	S66961	S66961 TCR beta V
637	10	33.3	45	11	BX664039	BX664039 Arabidops
c 638	10	33.3	46	6	AX685558	AX685558 Sequence
c 639	10	33.3	47	6	AR288703	AR288703 Sequence
640	10	33.3	47	6	AR288809	AR288809 Sequence
641	10	33.3	47	6	AR289679	AR289679 Sequence
642	10	33.3	47	6	AR290623	AR290623 Sequence
c 643	10	33.3	47	6	AR291569	AR291569 Sequence
644	10	33.3	47	6	AX194665	AX194665 Sequence
645	10	33.3	48	6	BD211177	BD211177 Transgeni
646	10	33.3	48	6	BD233862	BD233862 Novel met
647	10	33.3	48	6	I28935	I28935 Sequence 1
648	10	33.3	48	6	AR182524	AR182524 Sequence
649	10	33.3	48	6	AX010534	AX010534 Sequence
650	10	33.3	48	6	AX025277	AX025277 Sequence
651	10	33.3	48	6	AX244175	AX244175 Sequence
c 652	10	33.3	48	10	MMU39309	U39309 Mus musculu
c 653	10	33.3	48	10	MMU39312	U39312 Mus musculu
c 654	10	33.3	49	6	AR239891	AR239891 Sequence
c 655	10	33.3	49	6	AX279693	AX279693 Sequence
656	10	33.3	50	6	CQ002636	CQ002636 Sequence
c 657	10	33.3	50	6	CQ005934	CQ005934 Sequence
658	10	33.3	50	6	CQ008994	CQ008994 Sequence
659	10	33.3	50	6	AR356728	AR356728 Sequence
c 660	10	33.3	50	6	AX161129	AX161129 Sequence
c 661	10	33.3	50	6	AX199666	AX199666 Sequence
662	10	33.3	50	6	AX951955	AX951955 Sequence
663	10	33.3	50	6	AX952549	AX952549 Sequence
c 664	10	33.3	50	10	MMU41981	U41981 Mus musculu
665	10	33.3	51	6	CQ002635	CQ002635 Sequence
c 666	10	33.3	51	6	CQ002984	CQ002984 Sequence
667	10	33.3	51	6	CQ003272	CQ003272 Sequence
668	10	33.3	51	6	CQ005140	CQ005140 Sequence
669	10	33.3	51	6	CQ007898	CQ007898 Sequence
670	10	33.3	51	6	AR444348	AR444348 Sequence
c 671	10	33.3	51	6	AR444503	AR444503 Sequence
672	10	33.3	51	6	AX107573	AX107573 Sequence
c 673	10	33.3	51	6	AX114897	AX114897 Sequence
674	10	33.3	51	6	AX115561	AX115561 Sequence
c 675	10	33.3	51	6	AX156825	AX156825 Sequence
c 676	10	33.3	51	6	AX156826	AX156826 Sequence
c 677	10	33.3	51	6	AX156876	AX156876 Sequence
678	10	33.3	51	6	AX157305	AX157305 Sequence
679	10	33.3	51	6	AX157306	AX157306 Sequence
680	10	33.3	51	6	AX159806	AX159806 Sequence
c 681	10	33.3	51	6	AX159975	AX159975 Sequence
c 682	10	33.3	51	6	AX159976	AX159976 Sequence
c 683	10	33.3	51	6	AX165508	AX165508 Sequence
c 684	10	33.3	51	6	AX165766	AX165766 Sequence
685	10	33.3	51	6	AX199132	AX199132 Sequence
686	10	33.3	51	6	AX199233	AX199233 Sequence
687	10	33.3	51	6	AX199234	AX199234 Sequence
c 688	10	33.3	51	6	AX199665	AX199665 Sequence

c 689	10	33.3	51	6	AX204029	AX204029 Sequence
690	10	33.3	51	6	AX204480	AX204480 Sequence
691	10	33.3	51	10	MDTRVNJD	X63582 M.domesticu
692	10	33.3	51	11	BV183658	BV183658 sqnm13991
c 693	10	33.3	52	6	I95120	I95120 Sequence 3
694	10	33.3	53	6	I13035	I13035 Sequence 12
c 695	10	33.3	54	6	BD271055	BD271055 Method an
c 696	10	33.3	54	6	BD271060	BD271060 Method an
c 697	10	33.3	54	6	AR258461	AR258461 Sequence
c 698	10	33.3	54	6	AR258466	AR258466 Sequence
c 699	10	33.3	54	6	AX138280	AX138280 Sequence
700	10	33.3	54	6	AX138281	AX138281 Sequence
701	10	33.3	54	9	AF305528	AF305528 Homo sapi
c 702	10	33.3	55	6	E22323	E22323 DNA encodin
703	10	33.3	55	6	E22326	E22326 DNA encodin
c 704	10	33.3	55	9	S76375	S76375 PML-RARA fu
c 705	10	33.3	56	10	AF417933S2	AF417934 Mus muscu
c 706	10	33.3	57	6	AR034325	AR034325 Sequence
c 707	10	33.3	57	6	AR050846	AR050846 Sequence
c 708	10	33.3	57	6	AR053851	AR053851 Sequence
c 709	10	33.3	57	6	AR091632	AR091632 Sequence
c 710	10	33.3	57	6	AR117511	AR117511 Sequence
c 711	10	33.3	57	9	HSTBX10S5	AF033578 Homo sapi
712	10	33.3	58	6	AX657119	AX657119 Sequence
713	10	33.3	59	6	AX473865	AX473865 Sequence
c 714	10	33.3	59	9	HSCLCHX20	Z25765 Homo sapien
c 715	10	33.3	59	10	MMZ95146	Z95146 M.musculus
c 716	10	33.3	60	6	CQ535333	CQ535333 Sequence
717	10	33.3	60	6	CQ535726	CQ535726 Sequence
c 718	10	33.3	60	6	CQ536065	CQ536065 Sequence
719	10	33.3	60	6	CQ536275	CQ536275 Sequence
c 720	10	33.3	60	6	CQ536487	CQ536487 Sequence
c 721	10	33.3	60	6	CQ536548	CQ536548 Sequence
c 722	10	33.3	60	6	CQ536777	CQ536777 Sequence
723	10	33.3	60	6	CQ536809	CQ536809 Sequence
724	10	33.3	60	6	CQ537150	CQ537150 Sequence
725	10	33.3	60	6	CQ537389	CQ537389 Sequence
726	10	33.3	60	6	CQ537884	CQ537884 Sequence
727	10	33.3	60	6	CQ538874	CQ538874 Sequence
c 728	10	33.3	60	6	CQ539126	CQ539126 Sequence
729	10	33.3	60	6	CQ539239	CQ539239 Sequence
c 730	10	33.3	60	6	CQ539640	CQ539640 Sequence
731	10	33.3	60	6	CQ540047	CQ540047 Sequence
732	10	33.3	60	6	CQ540330	CQ540330 Sequence
c 733	10	33.3	60	6	CQ540615	CQ540615 Sequence
c 734	10	33.3	60	6	CQ540696	CQ540696 Sequence
735	10	33.3	60	6	CQ540864	CQ540864 Sequence
c 736	10	33.3	60	6	CQ541343	CQ541343 Sequence
c 737	10	33.3	60	6	CQ541378	CQ541378 Sequence
738	10	33.3	60	6	CQ541404	CQ541404 Sequence
739	10	33.3	60	6	CQ541633	CQ541633 Sequence
c 740	10	33.3	60	6	CQ541661	CQ541661 Sequence
741	10	33.3	60	6	CQ541878	CQ541878 Sequence
742	10	33.3	60	6	CQ542106	CQ542106 Sequence
743	10	33.3	60	6	CQ542645	CQ542645 Sequence
c 744	10	33.3	60	6	CQ543601	CQ543601 Sequence
c 745	10	33.3	60	6	CQ543842	CQ543842 Sequence

746	10	33.3	60	6	CQ544068	CQ544068	Sequence
747	10	33.3	60	6	CQ544371	CQ544371	Sequence
748	10	33.3	60	6	CQ544379	CQ544379	Sequence
749	10	33.3	60	6	CQ544526	CQ544526	Sequence
c 750	10	33.3	60	6	CQ544716	CQ544716	Sequence
751	10	33.3	60	6	CQ544763	CQ544763	Sequence
752	10	33.3	60	6	CQ544815	CQ544815	Sequence
c 753	10	33.3	60	6	CQ545488	CQ545488	Sequence
754	10	33.3	60	6	CQ545719	CQ545719	Sequence
c 755	10	33.3	60	6	CQ546325	CQ546325	Sequence
756	10	33.3	60	6	CQ547365	CQ547365	Sequence
757	10	33.3	60	6	CQ548049	CQ548049	Sequence
758	10	33.3	60	6	CQ548143	CQ548143	Sequence
759	10	33.3	60	6	CQ548688	CQ548688	Sequence
c 760	10	33.3	60	6	CQ548690	CQ548690	Sequence
761	10	33.3	60	6	CQ548733	CQ548733	Sequence
c 762	10	33.3	60	6	CQ549532	CQ549532	Sequence
763	10	33.3	60	6	CQ549999	CQ549999	Sequence
764	10	33.3	60	6	CQ550503	CQ550503	Sequence
765	10	33.3	60	6	CQ550593	CQ550593	Sequence
766	10	33.3	60	6	CQ550872	CQ550872	Sequence
c 767	10	33.3	60	6	CQ551132	CQ551132	Sequence
c 768	10	33.3	60	6	CQ551560	CQ551560	Sequence
c 769	10	33.3	60	6	CQ552680	CQ552680	Sequence
c 770	10	33.3	60	6	CQ552714	CQ552714	Sequence
771	10	33.3	60	6	CQ552809	CQ552809	Sequence
772	10	33.3	60	6	CQ552918	CQ552918	Sequence
773	10	33.3	60	6	CQ553244	CQ553244	Sequence
c 774	10	33.3	60	6	CQ553371	CQ553371	Sequence
775	10	33.3	60	6	CQ553404	CQ553404	Sequence
c 776	10	33.3	60	6	CQ553733	CQ553733	Sequence
c 777	10	33.3	60	6	CQ562199	CQ562199	Sequence
c 778	10	33.3	60	6	CQ562438	CQ562438	Sequence
c 779	10	33.3	60	6	CQ562629	CQ562629	Sequence
780	10	33.3	60	6	AX003474	AX003474	Sequence
c 781	10	33.3	60	6	AX934888	AX934888	Sequence
782	10	33.3	60	6	BD087090	BD087090	Erythrovi
783	10	33.3	60	8	CNS019CB	AL111459	Botrytis
c 784	10	33.3	62	6	AR156363	AR156363	Sequence
c 785	10	33.3	62	6	AR255678	AR255678	Sequence
786	10	33.3	63	6	AX360304	AX360304	Sequence
c 787	10	33.3	63	9	S72813	S72813	HLA DQ-A=MH
c 788	10	33.3	63	9	S72814	S72814	HLA DQ-A=MH
789	10	33.3	65	1	PE194K	M26477	Plasmid pE1
c 790	10	33.3	65	6	AR051952	AR051952	Sequence
c 791	10	33.3	65	6	AR159933	AR159933	Sequence
792	10	33.3	65	6	CQ530514	CQ530514	Sequence
c 793	10	33.3	65	6	CQ530717	CQ530717	Sequence
794	10	33.3	65	6	CQ531399	CQ531399	Sequence
c 795	10	33.3	65	6	CQ531465	CQ531465	Sequence
796	10	33.3	65	6	CQ531486	CQ531486	Sequence
c 797	10	33.3	65	6	CQ532051	CQ532051	Sequence
c 798	10	33.3	65	6	CQ532680	CQ532680	Sequence
799	10	33.3	65	6	CQ532861	CQ532861	Sequence
c 800	10	33.3	65	6	CQ533045	CQ533045	Sequence
c 801	10	33.3	65	6	CQ533103	CQ533103	Sequence
802	10	33.3	65	6	CQ533446	CQ533446	Sequence

c	803	10	33.3	65	6	CQ534367	CQ534367	Sequence
c	804	10	33.3	65	6	CQ534506	CQ534506	Sequence
c	805	10	33.3	65	6	CQ534791	CQ534791	Sequence
	806	10	33.3	65	6	CQ534906	CQ534906	Sequence
	807	10	33.3	65	6	CQ554252	CQ554252	Sequence
c	808	10	33.3	65	6	CQ554354	CQ554354	Sequence
	809	10	33.3	65	6	CQ554918	CQ554918	Sequence
	810	10	33.3	65	6	CQ555029	CQ555029	Sequence
	811	10	33.3	65	6	CQ555844	CQ555844	Sequence
c	812	10	33.3	65	6	CQ556343	CQ556343	Sequence
	813	10	33.3	65	6	CQ557118	CQ557118	Sequence
	814	10	33.3	65	6	CQ557897	CQ557897	Sequence
	815	10	33.3	65	6	CQ558055	CQ558055	Sequence
c	816	10	33.3	65	6	CQ558055	CQ558055	Sequence
	817	10	33.3	65	6	CQ558081	CQ558081	Sequence
	818	10	33.3	65	6	CQ558410	CQ558410	Sequence
	819	10	33.3	65	6	CQ558585	CQ558585	Sequence
	820	10	33.3	65	6	CQ558901	CQ558901	Sequence
c	821	10	33.3	65	6	CQ558959	CQ558959	Sequence
	822	10	33.3	65	6	CQ559046	CQ559046	Sequence
	823	10	33.3	65	6	CQ559373	CQ559373	Sequence
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	825	10	33.3	65	6	CQ559520	CQ559520	Sequence
c	826	10	33.3	65	6	CQ560250	CQ560250	Sequence
c	827	10	33.3	65	6	CQ560262	CQ560262	Sequence
	828	10	33.3	65	6	CQ560298	CQ560298	Sequence
c	829	10	33.3	65	6	CQ560364	CQ560364	Sequence
	830	10	33.3	65	6	CQ560726	CQ560726	Sequence
c	831	10	33.3	65	6	CQ560809	CQ560809	Sequence
	832	10	33.3	65	6	CQ560867	CQ560867	Sequence
c	833	10	33.3	65	6	CQ561405	CQ561405	Sequence
c	834	10	33.3	65	6	AR338508	AR338508	Sequence
	835	10	33.3	65	6	AX485986	AX485986	Sequence
	836	10	33.3	65	6	AX486271	AX486271	Sequence
c	837	10	33.3	66	6	AR363844	AR363844	Sequence
c	838	10	33.3	68	6	BD218009	BD218009	Regulation
c	839	10	33.3	68	6	AR274235	AR274235	Sequence
c	840	10	33.3	68	6	AR416910	AR416910	Sequence
c	841	10	33.3	68	6	AX701714	AX701714	Sequence
c	842	10	33.3	68	6	AX977604	AX977604	Sequence
c	843	10	33.3	68	6	BD112463	BD112463	EST and e
	844	10	33.3	68	11	BX323624	BX323624	Arabidops
	845	10	33.3	69	6	I79547	I79547	Sequence 20
c	846	10	33.3	69	6	AX781229	AX781229	Sequence
c	847	10	33.3	69	11	HUMSWX1095	L41187	Human chrom
c	848	10	33.3	70	6	AR092194	AR092194	Sequence
c	849	10	33.3	70	6	AR147236	AR147236	Sequence
	850	10	33.3	70	6	AX379078	AX379078	Sequence
	851	10	33.3	70	6	AX397235	AX397235	Sequence
c	852	10	33.3	70	6	AX538639	AX538639	Sequence
c	853	10	33.3	70	6	AX695042	AX695042	Sequence
	854	10	33.3	70	6	AX814418	AX814418	Sequence
	855	10	33.3	71	6	AR054830	AR054830	Sequence
	856	10	33.3	71	6	AR066095	AR066095	Sequence
	857	10	33.3	71	6	I13485	I13485	Sequence 19
c	858	10	33.3	71	6	AX555098	AX555098	Sequence
c	859	10	33.3	72	8	AY661468	AY661468	Oryza sat

860	10	33.3	72	9	F373291S10	AF373300 Homo sapi
861	10	33.3	72	11	BX323619	BX323619 Arabidops
c 862	10	33.3	75	6	CQ057965	CQ057965 Sequence
c 863	10	33.3	75	6	CQ077270	CQ077270 Sequence
c 864	10	33.3	75	6	CQ108275	CQ108275 Sequence
865	10	33.3	75	6	CQ114716	CQ114716 Sequence
c 866	10	33.3	75	6	CQ146905	CQ146905 Sequence
867	10	33.3	75	6	CQ153597	CQ153597 Sequence
c 868	10	33.3	75	6	CQ182313	CQ182313 Sequence
c 869	10	33.3	75	6	CQ206710	CQ206710 Sequence
c 870	10	33.3	75	6	CQ230131	CQ230131 Sequence
c 871	10	33.3	75	6	CQ268279	CQ268279 Sequence
c 872	10	33.3	75	6	CQ305311	CQ305311 Sequence
c 873	10	33.3	75	6	CQ342510	CQ342510 Sequence
874	10	33.3	75	6	CQ348786	CQ348786 Sequence
875	10	33.3	76	5	GDA2A1	X07339 G.gallus ni
876	10	33.3	76	14	EIU01861	U01861 Equine infe
c 877	10	33.3	77	6	AX899365	AX899365 Sequence
c 878	10	33.3	77	6	BD034898	BD034898 Sequence
879	10	33.3	78	10	AF020402	AF020402 Mus muscu
c 880	10	33.3	79	6	CQ082314	CQ082314 Sequence
c 881	10	33.3	79	6	CQ117050	CQ117050 Sequence
c 882	10	33.3	79	6	CQ155708	CQ155708 Sequence
c 883	10	33.3	79	6	CQ188110	CQ188110 Sequence
c 884	10	33.3	79	6	CQ238891	CQ238891 Sequence
c 885	10	33.3	79	6	CQ276573	CQ276573 Sequence
c 886	10	33.3	79	6	CQ313589	CQ313589 Sequence
c 887	10	33.3	79	6	CQ351064	CQ351064 Sequence
c 888	10	33.3	80	6	CQ796848	CQ796848 Sequence
889	10	33.3	80	6	AR210840	AR210840 Sequence
c 890	10	33.3	80	6	AR210841	AR210841 Sequence
891	10	33.3	80	6	AR428208	AR428208 Sequence
c 892	10	33.3	80	6	AR428209	AR428209 Sequence
893	10	33.3	80	6	BD074965	BD074965 Microbial
c 894	10	33.3	80	6	BD074966	BD074966 Microbial
895	10	33.3	81	3	DROHOMEQAB	L08619 D.melanogas
c 896	10	33.3	83	6	AX386705	AX386705 Sequence
897	10	33.3	84	6	A18614	A18614 H. sapiens
898	10	33.3	84	6	AR063619	AR063619 Sequence
c 899	10	33.3	84	6	BD246391	BD246391 Developme
900	10	33.3	84	6	BD246446	BD246446 Developme
c 901	10	33.3	84	6	AX074347	AX074347 Sequence
c 902	10	33.3	84	6	AX438897	AX438897 Sequence
903	10	33.3	85	11	HUMUT1891B	L30962 Human STS U
c 904	10	33.3	86	6	A94957	A94957 Sequence 42
905	10	33.3	86	6	A94958	A94958 Sequence 43
c 906	10	33.3	87	6	A94959	A94959 Sequence 44
907	10	33.3	87	6	A94960	A94960 Sequence 45
908	10	33.3	87	6	CQ748616	CQ748616 Sequence
c 909	10	33.3	88	6	A94961	A94961 Sequence 46
910	10	33.3	88	6	A94962	A94962 Sequence 47
c 911	10	33.3	88	6	AX031009	AX031009 Sequence
912	10	33.3	89	6	CQ733133	CQ733133 Sequence
913	10	33.3	89	6	CQ808704	CQ808704 Sequence
c 914	10	33.3	89	6	AX900366	AX900366 Sequence
c 915	10	33.3	89	6	BD035899	BD035899 Sequence
916	10	33.3	90	6	CQ081122	CQ081122 Sequence

917	10	33.3	90	6	CQ115638	CQ115638 Sequence
918	10	33.3	90	6	CQ154420	CQ154420 Sequence
919	10	33.3	90	6	CQ186981	CQ186981 Sequence
920	10	33.3	90	6	CQ237675	CQ237675 Sequence
921	10	33.3	90	6	CQ275296	CQ275296 Sequence
922	10	33.3	90	6	CQ312268	CQ312268 Sequence
923	10	33.3	90	6	CQ349693	CQ349693 Sequence
c 924	10	33.3	91	11	BX324016	BX324016 Arabidops
c 925	10	33.3	92	6	CQ114444	CQ114444 Sequence
c 926	10	33.3	92	6	CQ153323	CQ153323 Sequence
c 927	10	33.3	92	6	CQ186244	CQ186244 Sequence
c 928	10	33.3	92	6	CQ236612	CQ236612 Sequence
c 929	10	33.3	92	6	CQ274209	CQ274209 Sequence
c 930	10	33.3	92	6	CQ311381	CQ311381 Sequence
c 931	10	33.3	92	6	CQ348517	CQ348517 Sequence
c 932	10	33.3	92	6	AX909101	AX909101 Sequence
c 933	10	33.3	92	6	BD044634	BD044634 Sequence
c 934	10	33.3	93	6	A21467	A21467 oligonucleo
935	10	33.3	93	6	A21468	A21468 oligonucleo
c 936	10	33.3	94	6	BD178955	BD178955 Blood flo
c 937	10	33.3	94	6	AR452689	AR452689 Sequence
938	10	33.3	94	6	AX645275	AX645275 Sequence
939	10	33.3	94	6	AX676436	AX676436 Sequence
c 940	10	33.3	94	6	BD094003	BD094003 Prophylac
941	10	33.3	95	13	AY262456	AY262456 Unculture
c 942	10	33.3	96	6	AR005214	AR005214 Sequence
943	10	33.3	96	6	AR005215	AR005215 Sequence
c 944	10	33.3	96	6	AR071706	AR071706 Sequence
945	10	33.3	96	6	AR071707	AR071707 Sequence
c 946	10	33.3	96	6	I25172	I25172 Sequence 7
947	10	33.3	96	6	I25173	I25173 Sequence 8
c 948	10	33.3	96	6	AR452607	AR452607 Sequence
949	10	33.3	96	6	AR452608	AR452608 Sequence
c 950	10	33.3	96	6	AX394193	AX394193 Sequence
951	10	33.3	96	6	AX394194	AX394194 Sequence
c 952	10	33.3	96	6	BD093852	BD093852 Antibody
c 953	10	33.3	96	10	S78606S8	S78627 MAOA=monoam
954	10	33.3	97	6	AR017647	AR017647 Sequence
955	10	33.3	97	6	AR094824	AR094824 Sequence
956	10	33.3	97	6	AR165483	AR165483 Sequence
957	10	33.3	97	6	AR304685	AR304685 Sequence
958	10	33.3	97	8	ATH520913	AJ520913 Arabidops
959	10	33.3	98	4	SSAJ3750	AJ223750 Sus scrof
960	10	33.3	98	6	AX031022	AX031022 Sequence
961	10	33.3	98	6	AX083535	AX083535 Sequence
962	10	33.3	98	10	AF357362	AF357362 Mus muscu
c 963	10	33.3	99	6	AX769938	AX769938 Sequence
c 964	10	33.3	99	6	AX769969	AX769969 Sequence
c 965	10	33.3	99	6	AX769972	AX769972 Sequence
966	10	33.3	99	11	G34988	G34988 DBX human S
967	10	33.3	100	5	XLRPL21	X64210 Xenopus lae
968	10	33.3	100	6	CQ000414	CQ000414 Sequence
969	10	33.3	100	6	CQ000415	CQ000415 Sequence
c 970	10	33.3	100	6	CQ080531	CQ080531 Sequence
c 971	10	33.3	100	6	CQ114642	CQ114642 Sequence
c 972	10	33.3	100	6	CQ153522	CQ153522 Sequence
c 973	10	33.3	100	6	CQ186341	CQ186341 Sequence

c 974	10	33.3	100	6	CQ236799	CQ236799 Sequence
c 975	10	33.3	100	6	CQ274394	CQ274394 Sequence
c 976	10	33.3	100	6	CQ311512	CQ311512 Sequence
c 977	10	33.3	100	6	CQ348713	CQ348713 Sequence
c 978	10	33.3	100	6	CQ664949	CQ664949 Sequence
979	10	33.3	100	6	AR245994	AR245994 Sequence
c 980	10	33.3	100	6	AX023648	AX023648 Sequence
c 981	10	33.3	100	6	AX023649	AX023649 Sequence
982	10	33.3	100	6	AX988630	AX988630 Sequence
c 983	10	33.3	100	6	AX989467	AX989467 Sequence
984	10	33.3	100	6	AX989708	AX989708 Sequence
985	10	33.3	100	6	AX989709	AX989709 Sequence
c 986	10	33.3	100	6	AX990459	AX990459 Sequence
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988	10	33.3	100	6	AX991161	AX991161 Sequence
989	10	33.3	100	6	AX991162	AX991162 Sequence
990	10	33.3	100	6	AX992432	AX992432 Sequence
991	10	33.3	100	6	AX992433	AX992433 Sequence
c 992	10	33.3	100	6	AX992531	AX992531 Sequence
c 993	10	33.3	100	6	AX992532	AX992532 Sequence
c 994	10	33.3	100	6	AX994593	AX994593 Sequence
c 995	10	33.3	100	6	AX995304	AX995304 Sequence
996	10	33.3	100	6	AX995905	AX995905 Sequence
997	10	33.3	100	6	AX995906	AX995906 Sequence
c 998	10	33.3	100	6	AX996301	AX996301 Sequence
999	10	33.3	100	6	AX997250	AX997250 Sequence
c1000	10	33.3	100	6	AX997351	AX997351 Sequence

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 123.402 Seconds
(without alignments)
1276.175 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
Perfect score: 30
Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1587

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N_Geneseq_23Sep04:*

- 1: geneseqn1980s:*
- 2: geneseqn1990s:*
- 3: geneseqn2000s:*
- 4: geneseqn2001as:*
- 5: geneseqn2001bs:*
- 6: geneseqn2002as:*
- 7: geneseqn2002bs:*
- 8: geneseqn2003as:*
- 9: geneseqn2003bs:*
- 10: geneseqn2003cs:*
- 11: geneseqn2003ds:*
- 12: geneseqn2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result			%		Query				Description
	No.	Score	Match	Length	DB	ID			
	1	27	90.0	77	2	AAV79255			Aav79255 Staphyloc
	2	18	60.0	18	2	AAX02741			Aax02741 S. aureus
	3	15	50.0	20	10	ABZ89848			Abz89848 Human oli
	4	15	50.0	20	11	ABD26078			Abd26078 AA463249-
c	5	14	46.7	31	2	AAQ65372			Aaq65372 Fish gona
c	6	14	46.7	50	10	ADG84324			Adg84324 Human TMD

c	7	13	43.3	20	2	AAQ65364	Aaq65364 Fish gona
c	8	13	43.3	20	10	ACF17108	Acf17108 Human NOV
	9	13	43.3	21	12	ADK95598	Adk95598 Primer of
c	10	13	43.3	21	12	ADN36650	Adn36650 Human pro
c	11	13	43.3	21	12	ADN36620	Adn36620 Human pro
c	12	13	43.3	21	12	ADN36619	Adn36619 Human pro
c	13	13	43.3	23	10	ADD13887	Add13887 Human vH
	14	13	43.3	27	2	AAX04762	Aax04762 Antisense
	15	13	43.3	27	5	AAF61794	Aaf61794 B. brevis
c	16	13	43.3	33	5	AAI71548	Aai71548 Human rib
c	17	13	43.3	33	6	ABA95346	Aba95346 Human nat
c	18	13	43.3	37	3	AAA05919	Aaa05919 Group B S
	19	13	43.3	43	2	AAV31595	Aav31595 Fragment
	20	13	43.3	43	8	ACA63329	Aca63329 Self asse
c	21	13	43.3	65	6	ABN55160	Abn55160 Mouse spl
c	22	13	43.3	100	8	ACD79160	Acd79160 E. coli K
c	23	13	43.3	100	8	ACD79159	Acd79159 E. coli K
	24	12	40.0	19	2	AAV72767	Aav72767 Corn kern
c	25	12	40.0	19	12	ADI26828	Adi26828 Mouse cyc
c	26	12	40.0	20	4	AAH38365	Aah38365 SNP speci
	27	12	40.0	20	6	ABN80850	Abn80850 Human cas
	28	12	40.0	20	10	ABZ89847	Abz89847 Human oli
	29	12	40.0	20	11	ABD26077	Abd26077 AA463249-
	30	12	40.0	20	12	ADP81985	Adp81985 Human MAL
c	31	12	40.0	21	12	ADN36649	Adn36649 Human pro
c	32	12	40.0	22	12	ADO12584	Ado12584 Single mu
	33	12	40.0	24	6	ABQ04118	Abq04118 Oligonucl
	34	12	40.0	24	6	ABQ10405	Abq10405 Oligonucl
c	35	12	40.0	24	6	ABQ04077	Abq04077 Oligonucl
c	36	12	40.0	24	6	ABQ10368	Abq10368 Oligonucl
c	37	12	40.0	24	6	ABQ00041	Abq00041 Oligonucl
c	38	12	40.0	25	6	ABQ11904	Abq11904 Oligonucl
	39	12	40.0	25	6	ABQ11941	Abq11941 Oligonucl
c	40	12	40.0	25	6	ADH49254	Adh49254 NOV90 PCR
c	41	12	40.0	25	8	ACC70843	Acc70843 Human G-p
c	42	12	40.0	25	12	ADP16203	Adp16203 Renal cel
c	43	12	40.0	30	4	AAS12176	Aas12176 Human pot
	44	12	40.0	31	10	ABZ77865	Abz77865 Cytosine
	45	12	40.0	33	6	ABK89450	Abk89450 Human zin
	46	12	40.0	33	6	ABK11059	Abk11059 Polypepti
	47	12	40.0	37	4	AAS42870	Aas42870 Human G P
	48	12	40.0	38	6	ACN26034	Acn26034 WNV minus
c	49	12	40.0	40	2	AAT70614	Aat70614 Ligand L9
	50	12	40.0	40	6	ABQ78876	Abq78876 PCR prime
	51	12	40.0	41	6	ABK11062	Abk11062 Polypepti
	52	12	40.0	41	6	ABK11061	Abk11061 Polypepti
c	53	12	40.0	50	2	AAQ31956	Aaq31956 P53 bindi
c	54	12	40.0	50	4	AAI76449	Aai76449 Human sil
c	55	12	40.0	50	4	AAI76447	Aai76447 Human sil
	56	12	40.0	51	4	AAL29834	Aal29834 Human SNP
c	57	12	40.0	51	4	AAL33023	Aal33023 Human SNP
c	58	12	40.0	51	4	AAI76446	Aai76446 Human sil
	59	12	40.0	51	4	AAI79865	Aai79865 Human non
c	60	12	40.0	51	4	AAI76448	Aai76448 Human sil
c	61	12	40.0	51	5	ABL00379	Abl00379 Human sil
	62	12	40.0	52	2	AAV79407	Aav79407 Staphyloc
c	63	12	40.0	52	2	AAV79392	Aav79392 Staphyloc

	64	12	40.0	53	2	AAQ25716	Aaq25716 Sequence
c	65	12	40.0	55	6	ABV97391	Abv97391 Human pan
	66	12	40.0	60	6	ABN40537	Abn40537 Human spl
c	67	12	40.0	60	6	ABN35832	Abn35832 Human spl
c	68	12	40.0	60	6	ABN48503	Abn48503 Human spl
c	69	12	40.0	60	6	ABN34079	Abn34079 Human spl
	70	12	40.0	65	6	ABN28711	Abn28711 Rat splic
c	71	12	40.0	65	6	ABN57443	Abn57443 Mouse spl
	72	12	40.0	65	6	ABN27474	Abn27474 Rat splic
	73	12	40.0	69	2	AAT25559	Aat25559 Human gen
c	74	12	40.0	72	2	AAX85094	Aax85094 Periphera
c	75	12	40.0	80	12	ADM95774	Adm95774 Rat antis
	76	12	40.0	81	9	ACC85413	Acc85413 Xylanase
	77	12	40.0	93	8	ABT14836	Abt14836 Human Bcl
c	78	12	40.0	95	10	ADF38125	Adf38125 Synchroni
	79	12	40.0	100	8	ACD79369	Acd79369 E. coli K
	80	12	40.0	100	8	ACD70061	Acd70061 E. coli K
	81	12	40.0	100	8	ACD79368	Acd79368 E. coli K
	82	12	40.0	100	8	ACD70062	Acd70062 E. coli K
c	83	11	36.7	14	6	ABQ83255	Abq83255 Expressed
c	84	11	36.7	17	2	AAT53786	Aat53786 Rat ICAM
	85	11	36.7	17	2	AAX04764	Aax04764 Antisense
	86	11	36.7	17	6	ABK57124	Abk57124 Human CLC
	87	11	36.7	17	6	ABK57621	Abk57621 Human CLC
	88	11	36.7	17	6	ABK56429	Abk56429 Human CLC
c	89	11	36.7	17	11	ADL49528	Adl49528 Human PKR
c	90	11	36.7	17	11	ADL49529	Adl49529 Human PKR
c	91	11	36.7	17	11	ADL50027	Adl50027 Human PKR
c	92	11	36.7	17	11	ADL49526	Adl49526 Human PKR
c	93	11	36.7	17	11	ADL48897	Adl48897 Human PKR
c	94	11	36.7	17	11	ADL49527	Adl49527 Human PKR
c	95	11	36.7	18	2	AAQ70352	Aaq70352 Antisense
c	96	11	36.7	18	2	AAQ70337	Aaq70337 Antisense
c	97	11	36.7	18	2	AAQ70358	Aaq70358 Antisense
c	98	11	36.7	18	2	AAT64406	Aat64406 Protein k
c	99	11	36.7	18	2	AAT74240	Aat74240 Mouse bg
c	100	11	36.7	18	2	AAV55621	Aav55621 Down-regu
c	101	11	36.7	18	10	ADD10675	Add10675 Protein k
c	102	11	36.7	18	10	ADD10681	Add10681 Protein k
	103	11	36.7	18	11	ADM06763	Adm06763 Human PCR
	104	11	36.7	19	6	ABQ93927	Abq93927 Human NOV
	105	11	36.7	19	12	ADH01974	Adh01974 Protein t
	106	11	36.7	19	12	ADH01975	Adh01975 Protein t
c	107	11	36.7	19	12	ADK98125	Adk98125 Primer of
	108	11	36.7	19	12	ADO10110	Ado10110 Novel hum
	109	11	36.7	19	12	ADO16483	Ado16483 4 synthes
	110	11	36.7	19	12	ADP11979	Adp11979 Set 2 rig
c	111	11	36.7	20	4	AAD12161	Aad12161 Rat PTP1B
	112	11	36.7	20	6	ABK68032	Abk68032 Mouse HYP
c	113	11	36.7	20	6	ABK85236	Abk85236 Rat PTPB1
c	114	11	36.7	20	6	ABK37405	Abk37405 Rat PTP1B
	115	11	36.7	20	6	ABK70936	Abk70936 Mouse HYP
c	116	11	36.7	20	6	ABI93534	Abi93534 Capture o
	117	11	36.7	20	8	AAD55329	Aad55329 Human PKR
	118	11	36.7	20	8	ABT43263	Abt43263 Neuroblas
	119	11	36.7	20	8	ABT32375	Abt32375 Neuroblas
	120	11	36.7	20	9	ADA15075	Ada15075 Mouse HYP

121	11	36.7	20	9	ADB95637	Adb95637 Mouse HYP
122	11	36.7	20	10	ABZ89849	Abz89849 Human oli
123	11	36.7	20	11	ABD26079	Abd26079 AA463249-
c 124	11	36.7	20	12	ADI13966	Adi13966 Antisense
c 125	11	36.7	20	12	ADI26893	Adi26893 Cyclin de
c 126	11	36.7	20	12	ADI26957	Adi26957 Cyclin de
127	11	36.7	20	12	ADI27033	Adi27033 Cyclin de
128	11	36.7	20	12	ADI27075	Adi27075 Cyclin de
129	11	36.7	20	12	ADI34796	Adi34796 Clusterin
c 130	11	36.7	20	12	ADJ85904	Adj85904 Nucleic a
131	11	36.7	20	12	ADJ38650	Adj38650 Human res
c 132	11	36.7	20	12	ADO51157	Ado51157 Human tra
133	11	36.7	21	2	AAQ12618	Aaq12618 Antisense
c 134	11	36.7	21	2	AAQ43321	Aaq43321 Sequence
c 135	11	36.7	21	2	AAQ70357	Aaq70357 Antisense
c 136	11	36.7	21	2	AAQ70351	Aaq70351 Antisense
137	11	36.7	21	2	AAT99968	Aat99968 Primer P0
c 138	11	36.7	21	2	AAZ30649	Aaz30649 Primer O
c 139	11	36.7	21	2	AAX04577	Aax04577 PCR prime
140	11	36.7	21	2	AAZ20509	Aaz20509 PCR prime
141	11	36.7	21	3	AAZ77414	Aaz77414 Human bia
142	11	36.7	21	5	AAF81063	Aaf81063 PCR prime
143	11	36.7	21	6	ABK46908	Abk46908 COX-2 ant
c 144	11	36.7	21	6	ABK11110	Abk11110 Forward P
145	11	36.7	21	8	AAL51986	Aal51986 FGFR RT-P
146	11	36.7	21	10	ADD00737	Add00737 Anti-HCV
c 147	11	36.7	21	10	ACF80622	Acf80622 Human lip
148	11	36.7	21	10	ADG92020	Adg92020 Schizophr
c 149	11	36.7	21	10	ABZ84324	Abz84324 Toxicolog
c 150	11	36.7	21	12	ADJ34427	Adj34427 Human sec
c 151	11	36.7	21	12	ADK98529	Adk98529 Human pro
c 152	11	36.7	22	2	AAT44676	Aat44676 Human pap
c 153	11	36.7	22	2	AAT77912	Aat77912 Human pap
c 154	11	36.7	22	4	AAH45059	Aah45059 TOL2 tran
155	11	36.7	22	5	AAF81113	Aaf81113 PCR prime
c 156	11	36.7	22	12	ADO42863	Ado42863 Primer of
c 157	11	36.7	23	2	AAT69145	Aat69145 Primer fo
158	11	36.7	23	4	AAC84592	Aac84592 Corn cDNA
159	11	36.7	23	4	AAI66927	Aai66927 SSP2 cDNA
c 160	11	36.7	23	6	ABK10365	Abk10365 Rat trans
161	11	36.7	23	6	ABL40763	Abl40763 3' primer
162	11	36.7	23	6	AAL50088	Aal50088 HS1 gene
c 163	11	36.7	23	6	ABA95108	Aba95108 TGFbeta1
c 164	11	36.7	23	10	ADC18715	Adc18715 Rat TGF1b
c 165	11	36.7	23	12	ADO52022	Ado52022 Rat trans
c 166	11	36.7	24	2	AAQ70356	Aaq70356 Antisense
c 167	11	36.7	24	2	AAQ70355	Aaq70355 Antisense
168	11	36.7	24	6	ABS56959	Abs56959 Pap phosp
c 169	11	36.7	24	6	ABI84638	Abi84638 Capture o
170	11	36.7	24	6	ABI83639	Abi83639 Capture o
c 171	11	36.7	24	6	ABI83638	Abi83638 Capture o
172	11	36.7	24	6	ABI84639	Abi84639 Capture o
173	11	36.7	25	2	AAT94937	Aat94937 Primer #1
174	11	36.7	25	2	AAT94939	Aat94939 Primer #1
175	11	36.7	25	3	AAA75575	Aaa75575 PCR prime
c 176	11	36.7	25	4	AAH76497	Aah76497 Mouse TGF
c 177	11	36.7	25	4	ABX14862	Abx14862 Allyl alc

c 178	11	36.7	25	5	ADI10126	Adi10126	Sense pri
179	11	36.7	25	6	AAS20678	Aas20678	Mouse Mar
180	11	36.7	25	9	ACI36512	Aci36512	Human mic
c 181	11	36.7	25	9	ACI72603	Aci72603	Human mic
182	11	36.7	25	9	ACI36513	Aci36513	Human mic
c 183	11	36.7	25	9	ACI20425	Aci20425	Human mic
c 184	11	36.7	25	9	ACI58474	Aci58474	Human mic
c 185	11	36.7	25	9	ACK10932	Ack10932	Human mic
186	11	36.7	25	9	ACI52416	Aci52416	Human mic
c 187	11	36.7	25	9	ACK05751	Ack05751	Human mic
c 188	11	36.7	25	9	ACI52599	Aci52599	Human mic
189	11	36.7	25	9	ACK26050	Ack26050	Human mic
c 190	11	36.7	25	9	ACI20424	Aci20424	Human mic
c 191	11	36.7	25	9	ACH58347	Ach58347	DNA targe
192	11	36.7	25	10	ADC54120	Adc54120	PCR prime
193	11	36.7	25	10	ADH44615	Adh44615	Mouse Zal
194	11	36.7	25	10	ADI00951	Adi00951	PCR prime
195	11	36.7	25	12	ADP19774	Adp19774	Mouse zal
c 196	11	36.7	25	12	ADP15562	Adp15562	Renal cel
c 197	11	36.7	25	12	ADP15563	Adp15563	Renal cel
c 198	11	36.7	25	12	ADP16957	Adp16957	Renal cel
199	11	36.7	26	2	AAV31588	Aav31588	P1P94 seq
c 200	11	36.7	26	4	AAF16843	Aaf16843	Putative
c 201	11	36.7	26	4	AAF17487	Aaf17487	Putative
c 202	11	36.7	26	4	AAC99424	Aac99424	Primer #3
c 203	11	36.7	26	6	ABT06628	Abt06628	PDZ domai
c 204	11	36.7	26	6	ABQ96666	Abq96666	prIL16 PD
c 205	11	36.7	26	10	AAL57023	Aal57023	Murine VE
c 206	11	36.7	27	2	AAQ70354	Aaq70354	Antisense
207	11	36.7	27	3	AAA46050	Aaa46050	Human G p
208	11	36.7	27	3	AAD01149	Aad01149	Human orp
c 209	11	36.7	27	4	AAH43355	Aah43355	TGF-beta
210	11	36.7	27	8	ACA93287	Aca93287	Human GPC
211	11	36.7	27	10	ADG98797	Adg98797	Human RUP
212	11	36.7	27	11	ADJ26960	Adj26960	Human end
213	11	36.7	27	12	ADG86414	Adg86414	Human end
214	11	36.7	27	12	ADP20207	Adp20207	Human G p
c 215	11	36.7	29	2	AAV29207	Aav29207	Mouse cAM
216	11	36.7	29	3	AAF00027	Aaf00027	Hammerhea
217	11	36.7	29	3	AAF06937	Aaf06937	Hammerhea
218	11	36.7	29	3	AAC66568	Aac66568	Human FGF
c 219	11	36.7	30	2	AAQ27385	Aaq27385	Proviral
c 220	11	36.7	30	8	AAL60803	Aal60803	Human ful
221	11	36.7	30	10	AAD60351	Aad60351	Leader F
222	11	36.7	31	4	AAI30133	Aai30133	Human sin
c 223	11	36.7	31	8	ACD43710	Acd43710	Human gen
224	11	36.7	33	4	AAF74476	Aaf74476	Clone 213
c 225	11	36.7	33	6	ABA82770	Aba82770	Human pro
c 226	11	36.7	33	6	ABL49787	Abl49787	Human Kaz
c 227	11	36.7	33	6	ABL55648	Abl55648	Human CD6
c 228	11	36.7	34	9	ACF06024	Acf06024	Human NAD
c 229	11	36.7	34	10	ADF56663	Adf56663	Human mem
c 230	11	36.7	34	12	ADL18641	Adl18641	Human NAD
c 231	11	36.7	35	2	AAX04126	Aax04126	PEBP2-alp
232	11	36.7	36	2	AAT52944	Aat52944	Mouse ICA
233	11	36.7	36	2	AAT53046	Aat53046	Mouse ICA
c 234	11	36.7	36	2	AAT85380	Aat85380	Human gro

c 235	11	36.7	36	3	AAZ49328	Aaz49328	HTTER36 P
c 236	11	36.7	36	6	ABS52886	Abs52886	Human gro
c 237	11	36.7	36	10	AAD60628	Aad60628	Human HTT
238	11	36.7	37	2	AAQ71344	Aaq71344	Antisense
239	11	36.7	38	2	AAX02135	Aax02135	Human FEN
240	11	36.7	38	6	ABK19850	Abk19850	Human ERG
241	11	36.7	38	6	ABK58310	Abk58310	Human CLC
242	11	36.7	38	6	ACN27552	Acn27552	WNV minus
243	11	36.7	38	6	ACN15487	Acn15487	WNV Hamme
c 244	11	36.7	39	4	AAF27910	Aaf27910	Human NOV
c 245	11	36.7	39	9	ACD40314	Acd40314	Breast tu
c 246	11	36.7	39	11	ADM56449	Adm56449	Human cel
c 247	11	36.7	39	12	ADF66812	Adf66812	Novel hum
c 248	11	36.7	39	12	ADI19849	Adi19849	Human NOV
c 249	11	36.7	39	12	ADO60322	Ado60322	Human NOV
c 250	11	36.7	40	6	ABT12132	Abt12132	E coli ex
251	11	36.7	40	6	ABT12131	Abt12131	E coli ex
c 252	11	36.7	41	2	AAV50564	Aav50564	Brassica
c 253	11	36.7	41	5	ABZ72271	Abz72271	Gene 216
c 254	11	36.7	41	5	ABZ72272	Abz72272	Gene 216
c 255	11	36.7	41	5	AAI71550	Aai71550	Human rib
c 256	11	36.7	41	5	AAI71551	Aai71551	Human rib
c 257	11	36.7	41	6	ABL49789	Abl49789	Human Kaz
c 258	11	36.7	41	6	ABA95349	Aba95349	Human nat
c 259	11	36.7	41	6	ABA95348	Aba95348	Human nat
c 260	11	36.7	41	6	ABL55650	Abl55650	Human CD6
261	11	36.7	41	6	ABA05514	Aba05514	Human N-a
262	11	36.7	41	6	ABZ44933	Abz44933	Human ald
263	11	36.7	41	6	ABZ48553	Abz48553	Human mic
264	11	36.7	41	6	ABZ48766	Abz48766	Human ald
265	11	36.7	41	6	ABZ43276	Abz43276	Human mic
c 266	11	36.7	41	6	ABL96021	Abl96021	Brassica
c 267	11	36.7	41	8	ABX75240	Abx75240	Human gen
c 268	11	36.7	41	8	ABX75124	Abx75124	Human gen
c 269	11	36.7	41	8	ABX75125	Abx75125	Human gen
c 270	11	36.7	41	8	ABX75239	Abx75239	Human gen
c 271	11	36.7	41	12	ADH05387	Adh05387	Gene poly
c 272	11	36.7	41	12	ADJ36853	Adj36853	Gene 216
c 273	11	36.7	41	12	ADJ36985	Adj36985	Gene 216
c 274	11	36.7	41	12	ADJ36852	Adj36852	Gene 216
c 275	11	36.7	41	12	ADJ36984	Adj36984	Gene 216
c 276	11	36.7	41	12	ADH91174	Adh91174	1-beta-me
c 277	11	36.7	41	12	ADL81431	Adl81431	Gene 216
c 278	11	36.7	41	12	ADL81563	Adl81563	Gene 216
c 279	11	36.7	41	12	ADL81430	Adl81430	Gene 216
c 280	11	36.7	41	12	ADL81562	Adl81562	Gene 216
281	11	36.7	42	2	AAQ46639	Aaq46639	PCR prime
282	11	36.7	42	2	AAQ56161	Aaq56161	Sense pri
283	11	36.7	42	5	AAH25217	Aah25217	PCR prime
284	11	36.7	42	8	ABZ22317	Abz22317	Human TNA
c 285	11	36.7	43	2	AAX04128	Aax04128	PEBP2-alp
c 286	11	36.7	43	8	ABZ24667	Abz24667	Colony st
c 287	11	36.7	45	2	AAQ06062	Aaq06062	Probe use
c 288	11	36.7	46	2	AAX78331	Aax78331	Expressio
289	11	36.7	46	2	AAX78332	Aax78332	Expressio
290	11	36.7	46	10	ADC64093	Adc64093	Polyhydro
291	11	36.7	46	12	ADG01858	Adg01858	Copper ph

c 292	11	36.7	47	2	AAT34833	Aat34833	Primer us
c 293	11	36.7	48	3	AAC87763	Aac87763	SNORF36 r
294	11	36.7	50	4	AAH90374	Aah90374	Human clo
c 295	11	36.7	50	6	ABZ06418	Abz06418	Human leu
c 296	11	36.7	50	6	ABZ04250	Abz04250	Human leu
297	11	36.7	50	6	ABZ06808	Abz06808	Human leu
c 298	11	36.7	51	3	AAA77148	Aaa77148	Human clo
c 299	11	36.7	51	3	AAA77149	Aaa77149	Human clo
c 300	11	36.7	51	4	AAL29332	Aal29332	Human SNP
c 301	11	36.7	51	4	AAI79005	Aai79005	Human sil
c 302	11	36.7	51	4	AAI79004	Aai79004	Human sil
303	11	36.7	51	4	AAH90376	Aah90376	Human clo
304	11	36.7	51	4	AAH90373	Aah90373	Human clo
305	11	36.7	51	4	AAH90375	Aah90375	Human clo
306	11	36.7	51	4	AAH40704	Aah40704	Human SNP
307	11	36.7	56	12	ADN00056	Adn00056	Human CRH
308	11	36.7	57	6	ACN25583	Acn25583	WNV Amber
c 309	11	36.7	57	8	ACC58773	Acc58773	Foetal my
310	11	36.7	58	6	AAS17702	Aas17702	PCR prime
311	11	36.7	58	6	AAS17703	Aas17703	PCR prime
312	11	36.7	60	2	AAV13216	Aav13216	Primer AS
313	11	36.7	60	2	AAV17641	Aav17641	Mouse BCL
314	11	36.7	60	6	ABN38674	Abn38674	Human spl
315	11	36.7	60	6	ABN50044	Abn50044	Human spl
c 316	11	36.7	60	6	ABN34858	Abn34858	Human spl
c 317	11	36.7	60	6	ABN38628	Abn38628	Human spl
318	11	36.7	60	6	ABN41112	Abn41112	Human spl
319	11	36.7	60	6	ABN40184	Abn40184	Human spl
320	11	36.7	60	6	ABN48634	Abn48634	Human spl
321	11	36.7	60	6	ABN39192	Abn39192	Human spl
322	11	36.7	60	6	ABN45555	Abn45555	Human spl
c 323	11	36.7	60	6	ABN45670	Abn45670	Human spl
324	11	36.7	60	10	ADD31560	Add31560	Ang-2 bin
325	11	36.7	61	2	AAV76341	Aav76341	Staphyloc
c 326	11	36.7	65	6	ABN51201	Abn51201	Mouse spl
327	11	36.7	65	6	ABN56354	Abn56354	Mouse spl
328	11	36.7	65	6	ABN55910	Abn55910	Mouse spl
c 329	11	36.7	65	6	ABN28224	Abn28224	Rat splic
c 330	11	36.7	65	6	ABN30449	Abn30449	Rat splic
c 331	11	36.7	65	12	ADP97562	Adp97562	C. albica
c 332	11	36.7	69	2	AAT69606	Aat69606	Human Ob
c 333	11	36.7	69	4	AAD20522	Aad20522	Hammer he
c 334	11	36.7	69	4	AAF24026	Aaf24026	Human Obr
c 335	11	36.7	69	6	AAD41477	Aad41477	Hammerhea
c 336	11	36.7	69	6	AAD42334	Aad42334	Hammerhea
c 337	11	36.7	69	6	AAD38264	Aad38264	Hammerhea
c 338	11	36.7	69	9	AAL57492	Aal57492	Human lep
c 339	11	36.7	69	12	ADG62995	Adg62995	Human Obr
340	11	36.7	70	12	ADG28566	Adg28566	SYN80 F11
c 341	11	36.7	71	2	AAT57812	Aat57812	L-selecti
c 342	11	36.7	71	9	ADA22044	Ada22044	HGF aptam
c 343	11	36.7	74	4	AAF83274	Aaf83274	S. cerevi
344	11	36.7	75	9	ACC84976	Acc84976	Human thr
345	11	36.7	78	4	ABA71213	Aba71213	Human foe
346	11	36.7	78	4	AAK45503	Aak45503	Human bon
347	11	36.7	78	4	AAK19512	Aak19512	Human bra
348	11	36.7	78	4	ABS45189	Abs45189	Human liv

c 349	11	36.7	78	6	ABS19613	Abs19613 Human gen
350	11	36.7	78	6	ABS19771	Abs19771 Human gen
351	11	36.7	80	12	ADM79859	Adm79859 DNA ligan
c 352	11	36.7	80	12	ADM95305	Adm95305 Rat antis
353	11	36.7	82	12	ACH92828	Ach92828 Human gen
c 354	11	36.7	90	6	ABK36944	Abk36944 Human DNA
c 355	11	36.7	93	12	ADJ53325	Adj53325 Primer co
356	11	36.7	94	4	AAI21592	Aai21592 Probe #11
357	11	36.7	94	4	ABA66665	Aba66665 Human foe
358	11	36.7	94	4	AAI46879	Aai46879 Probe #15
359	11	36.7	94	4	ABA48756	Aba48756 Human bre
360	11	36.7	94	4	ABA33728	Aba33728 Probe #12
361	11	36.7	94	4	AAK40823	Aak40823 Human bon
362	11	36.7	94	4	AAK15095	Aak15095 Human bra
363	11	36.7	94	4	ABS40402	Abs40402 Human liv
364	11	36.7	94	5	AAI07287	Aai07287 Probe #72
365	11	36.7	94	6	ABS14774	Abs14774 Human gen
c 366	11	36.7	96	12	ACH85808	Ach85808 Human gen
c 367	11	36.7	99	4	ABA07251	Aba07251 Human pan
c 368	11	36.7	99	4	AAK89892	Aak89892 Human dig
c 369	11	36.7	100	8	ACD74638	Acd74638 E. coli K
370	11	36.7	100	8	ACD77719	Acd77719 E. coli K
371	11	36.7	100	8	ACD73815	Acd73815 E. coli K
c 372	11	36.7	100	8	ACD69020	Acd69020 E. coli K
373	10	33.3	10	3	AAZ85851	Aaz85851 Metastati
374	10	33.3	11	6	ABV62804	Abv62804 Human ski
375	10	33.3	11	6	ABV70225	Abv70225 Human ski
c 376	10	33.3	13	12	ADL72844	Adl72844 CDNA tag
c 377	10	33.3	15	2	AAX31239	Aax31239 Tag seque
c 378	10	33.3	15	2	AAX31566	Aax31566 Tag seque
379	10	33.3	15	4	AAF47578	Aaf47578 IGFBP3 ol
c 380	10	33.3	15	4	AAF52256	Aaf52256 IGF-I oli
381	10	33.3	15	4	AAF47579	Aaf47579 IGFBP3 ol
382	10	33.3	15	4	AAF47580	Aaf47580 IGFBP3 ol
383	10	33.3	15	4	AAF47582	Aaf47582 IGFBP3 ol
c 384	10	33.3	15	4	AAF52255	Aaf52255 IGF-I oli
c 385	10	33.3	15	4	AAF52260	Aaf52260 IGF-I oli
386	10	33.3	15	4	AAF47581	Aaf47581 IGFBP3 ol
387	10	33.3	15	4	AAF47583	Aaf47583 IGFBP3 ol
c 388	10	33.3	15	4	AAF52258	Aaf52258 IGF-I oli
c 389	10	33.3	15	4	AAF52257	Aaf52257 IGF-I oli
c 390	10	33.3	15	4	AAF52259	Aaf52259 IGF-I oli
c 391	10	33.3	15	6	ABK32193	Abk32193 Human col
c 392	10	33.3	15	6	ABK32520	Abk32520 Human pan
393	10	33.3	15	6	ABL94713	Abl94713 Rat VR1 a
c 394	10	33.3	16	2	AAQ29795	Aaq29795 A allele
395	10	33.3	16	6	ABQ74157	Abq74157 HCMV sequ
396	10	33.3	16	6	ABL94717	Abl94717 Rat VR1 a
c 397	10	33.3	17	2	AAT53508	Aat53508 Rat ICAM
398	10	33.3	17	2	AAV20557	Aav20557 Human BRC
399	10	33.3	17	2	AAV20558	Aav20558 Human BRC
c 400	10	33.3	17	2	AAA21315	Aaa21315 Integrin
401	10	33.3	17	6	ABK57634	Abk57634 Human CLC
402	10	33.3	17	6	ABK57134	Abk57134 Human CLC
403	10	33.3	17	6	ABK56449	Abk56449 Human CLC
404	10	33.3	17	6	ABK57349	Abk57349 Human CLC
405	10	33.3	17	6	ABK56907	Abk56907 Human CLC

406	10	33.3	17	6	ABK57620	Abk57620 Human CLC
407	10	33.3	17	6	ABK57622	Abk57622 Human CLC
408	10	33.3	17	6	ABL94720	Abl94720 Rat VR1 a
409	10	33.3	17	6	ACN14488	Acn14488 WNV minus
c 410	10	33.3	17	6	ACN01072	Acn01072 WNV Hamme
c 411	10	33.3	17	6	ACN02904	Acn02904 WNV Inozy
c 412	10	33.3	17	6	ACN02905	Acn02905 WNV Inozy
c 413	10	33.3	17	6	ACN04378	Acn04378 WNV Zinzy
414	10	33.3	17	6	ACN13753	Acn13753 WNV minus
415	10	33.3	17	6	ACN14487	Acn14487 WNV minus
c 416	10	33.3	17	6	ACN02906	Acn02906 WNV Inozy
417	10	33.3	17	6	ACN12610	Acn12610 WNV minus
418	10	33.3	17	6	ACN10280	Acn10280 WNV minus
419	10	33.3	17	8	ABT38993	Abt38993 Tumour su
c 420	10	33.3	17	8	ACC68257	Acc68257 Murine ol
c 421	10	33.3	17	10	ADB43892	Adb43892 Tumour su
c 422	10	33.3	17	10	ADB40642	Adb40642 Tumour su
423	10	33.3	17	10	ADI49966	Adi49966 Human tum
c 424	10	33.3	17	11	ADL48896	Adl48896 Human PKR
425	10	33.3	18	2	AAV11173	Aav11173 Human Ki-
426	10	33.3	18	3	AAA52839	Aaa52839 Human CD4
427	10	33.3	18	6	ABA83574	Aba83574 Mouse MP-
428	10	33.3	18	6	ABL94722	Abl94722 Rat VR1 a
429	10	33.3	18	8	ABZ75440	Abz75440 Human EPS
c 430	10	33.3	19	2	AAQ61739	Aaq61739 HEV strai
c 431	10	33.3	19	2	AAT27450	Aat27450 HEV strai
c 432	10	33.3	19	2	AAV71660	Aav71660 HEV ORF p
c 433	10	33.3	19	3	AAZ91167	Aaz91167 Canine T-
c 434	10	33.3	19	3	AAZ92344	Aaz92344 Canine TC
435	10	33.3	19	3	AAC72573	Aac72573 Single nu
436	10	33.3	19	3	AAC72549	Aac72549 Single nu
437	10	33.3	19	3	AAC72546	Aac72546 Single nu
438	10	33.3	19	3	AAC72543	Aac72543 Single nu
439	10	33.3	19	3	AAC72570	Aac72570 Single nu
440	10	33.3	19	3	AAC72552	Aac72552 Single nu
441	10	33.3	19	6	ABK40365	Abk40365 Reverse P
442	10	33.3	19	6	ABS64429	Abs64429 Human NOV
443	10	33.3	19	8	ABT21349	Abt21349 Multiplex
444	10	33.3	19	8	ABQ77154	Abq77154 Human ABC
445	10	33.3	19	10	ADC39346	Adc39346 Novel hum
c 446	10	33.3	19	10	ADG78910	Adg78910 Human tes
447	10	33.3	19	10	ADJ37428	Adj37428 Tumour th
c 448	10	33.3	19	10	ADH94518	Adh94518 Human gen
449	10	33.3	19	11	ADN34863	Adn34863 siNA lowe
c 450	10	33.3	19	11	ADN34605	Adn34605 siNA uppe
451	10	33.3	19	12	ADG68352	Adg68352 Human PRO
c 452	10	33.3	19	12	ADN89208	Adn89208 Human CD4
c 453	10	33.3	19	12	ADO80385	Ado80385 Mouse pho
c 454	10	33.3	19	12	ADO57983	Ado57983 Human EDG
c 455	10	33.3	20	2	AAQ24711	Aaq24711 C-beta-a
456	10	33.3	20	2	AAQ25379	Aaq25379 Sequence
c 457	10	33.3	20	2	AAQ41235	Aaq41235 3' PCR pr
c 458	10	33.3	20	2	AAQ95935	Aaq95935 Primer A
c 459	10	33.3	20	2	AAT65958	Aat65958 Primer #1
c 460	10	33.3	20	2	AAT13874	Aat13874 Human K-A
461	10	33.3	20	2	AAX56125	Aax56125 HIV-1 PCR
c 462	10	33.3	20	2	AAX92145	Aax92145 PCR prime

c 463	10	33.3	20	2	AAX94752	Aax94752	PCR prime
464	10	33.3	20	2	AAX96478	Aax96478	PCR prime
c 465	10	33.3	20	3	AAA41054	Aaa41054	Human TNF
c 466	10	33.3	20	3	AAA41197	Aaa41197	Human TNF
467	10	33.3	20	3	AAC70315	Aac70315	Single nu
468	10	33.3	20	4	AAD14816	Aad14816	Human gly
c 469	10	33.3	20	4	AAS45720	Aas45720	Human PAR
470	10	33.3	20	4	AAH38877	Aah38877	SNP speci
471	10	33.3	20	5	AAF81211	Aaf81211	Human FMO
c 472	10	33.3	20	5	ABZ72150	Abz72150	Gene 216
c 473	10	33.3	20	6	ABS73905	Abs73905	Human cyt
474	10	33.3	20	6	AAD31047	Aad31047	Medaka fi
c 475	10	33.3	20	6	ABS52079	Abs52079	Mouse CCR
c 476	10	33.3	20	6	ABA99823	Aba99823	Murine ca
477	10	33.3	20	6	AAS16635	Aas16635	Human Inh
478	10	33.3	20	6	ABK69483	Abk69483	Human pho
c 479	10	33.3	20	6	ABQ66441	Abq66441	Human cyt
480	10	33.3	20	6	ABK09824	Abk09824	Cytochrom
c 481	10	33.3	20	6	ADH49285	Adh49285	NOV7 PCR
482	10	33.3	20	8	ADA05957	Ada05957	Human NOV
c 483	10	33.3	20	8	ACC44044	Acc44044	Oligo ISI
c 484	10	33.3	20	8	ABX75003	Abx75003	Human gen
c 485	10	33.3	20	8	ABT43156	Abt43156	Neuroblas
c 486	10	33.3	20	8	AAD53837	Aad53837	BMPR1A ex
487	10	33.3	20	8	AAD48535	Aad48535	Chicken l
c 488	10	33.3	20	8	ABT32311	Abt32311	Neuroblas
c 489	10	33.3	20	9	AAL61835	Aal61835	Human ETB
c 490	10	33.3	20	9	AAL61836	Aal61836	Human ETB
491	10	33.3	20	9	ACC58436	Acc58436	Mycoplasma
c 492	10	33.3	20	9	ACC58434	Acc58434	Mycoplasma
c 493	10	33.3	20	9	ACC58435	Acc58435	Mycoplasma
494	10	33.3	20	9	ACC58437	Acc58437	Mycoplasma
c 495	10	33.3	20	9	ACD05425	Acd05425	Tumour ne
c 496	10	33.3	20	9	ACD05282	Acd05282	Tumour ne
c 497	10	33.3	20	10	ADB89943	Adb89943	Antinsens
498	10	33.3	20	10	ADC65825	Adc65825	Mouse TGF
499	10	33.3	20	10	ADC79209	Adc79209	Animal id
c 500	10	33.3	20	10	AAD62232	Aad62232	Human hae
501	10	33.3	20	10	ADD56551	Add56551	Human gen
c 502	10	33.3	20	10	ADG31532	Adg31532	PCR prime
c 503	10	33.3	20	10	ADF88162	Adf88162	Single nu
c 504	10	33.3	20	10	ADF91081	Adf91081	Microorga
505	10	33.3	20	10	ADH08406	Adh08406	S. cerevi
506	10	33.3	20	10	ADH08417	Adh08417	K. lactis
c 507	10	33.3	20	10	ABZ86689	Abz86689	Human oli
508	10	33.3	20	10	ABZ90905	Abz90905	Human oli
c 509	10	33.3	20	10	ABZ98566	Abz98566	Human ICA
c 510	10	33.3	20	10	ABZ98567	Abz98567	Human ICA
511	10	33.3	20	10	ABZ91787	Abz91787	Human oli
512	10	33.3	20	10	ABZ84961	Abz84961	Human oli
513	10	33.3	20	10	ABZ91786	Abz91786	Human oli
c 514	10	33.3	20	10	ABZ98975	Abz98975	Human PDE
515	10	33.3	20	10	ABZ90904	Abz90904	Human oli
c 516	10	33.3	20	10	ABZ86690	Abz86690	Human oli
c 517	10	33.3	20	10	AAL55910	Aal55910	TGF-beta
c 518	10	33.3	20	11	ABD31597	Abd31597	Human ICA
519	10	33.3	20	11	ABD27134	Abd27134	AA486518-

520	10	33.3	20	11	ABD21191	Abd21191	Human tra
c 521	10	33.3	20	11	ABD31598	Abd31598	Human ICA
c 522	10	33.3	20	11	ABD22919	Abd22919	Human myo
523	10	33.3	20	11	ABD28016	Abd28016	AA282906-
524	10	33.3	20	11	ABD27135	Abd27135	AA486518-
525	10	33.3	20	11	ABD28017	Abd28017	AA282906-
c 526	10	33.3	20	11	ABD32006	Abd32006	Human PDE
c 527	10	33.3	20	11	ABD22920	Abd22920	Human myo
528	10	33.3	20	12	ADH10846	Adh10846	Human cat
c 529	10	33.3	20	12	ADH10772	Adh10772	Human cat
530	10	33.3	20	12	ADG25850	Adg25850	Human OAT
c 531	10	33.3	20	12	ADH70950	Adh70950	Human Vbe
532	10	33.3	20	12	ADI25032	Adi25032	Human ZNF
c 533	10	33.3	20	12	ADI28231	Adi28231	Antisense
534	10	33.3	20	12	ADH99190	Adh99190	Human NF-
c 535	10	33.3	20	12	ADH99128	Adh99128	Human NF-
c 536	10	33.3	20	12	ADJ36731	Adj36731	Human gen
537	10	33.3	20	12	ADJ46799	Adj46799	Human KIA
c 538	10	33.3	20	12	ADJ46852	Adj46852	Human KIA
c 539	10	33.3	20	12	ADJ86941	Adj86941	Nucleic a
540	10	33.3	20	12	ADK94787	Adk94787	Primer of
c 541	10	33.3	20	12	ADK96770	Adk96770	Primer of
542	10	33.3	20	12	ADK94883	Adk94883	Primer of
c 543	10	33.3	20	12	ADJ60416	Adj60416	Oligonucl
c 544	10	33.3	20	12	ADJ60417	Adj60417	Oligonucl
c 545	10	33.3	20	12	ADJ60858	Adj60858	Oligonucl
546	10	33.3	20	12	ADJ45401	Adj45401	Antisense
c 547	10	33.3	20	12	ADK12242	Adk12242	Complemen
c 548	10	33.3	20	12	ADJ22582	Adj22582	Human end
c 549	10	33.3	20	12	ADJ23797	Adj23797	Human end
c 550	10	33.3	20	12	ADJ24748	Adj24748	Human end
c 551	10	33.3	20	12	ADJ24578	Adj24578	Human end
c 552	10	33.3	20	12	ADJ23610	Adj23610	Human end
c 553	10	33.3	20	12	ADJ22425	Adj22425	Human end
c 554	10	33.3	20	12	ADJ24013	Adj24013	Human end
c 555	10	33.3	20	12	ADJ24658	Adj24658	Human end
c 556	10	33.3	20	12	ADJ23389	Adj23389	Human end
c 557	10	33.3	20	12	ADJ23773	Adj23773	Human end
c 558	10	33.3	20	12	ADJ23541	Adj23541	Human end
c 559	10	33.3	20	12	ADL81310	Adl81310	Gene 216
560	10	33.3	20	12	ADN63111	Adn63111	Human NOV
c 561	10	33.3	20	12	ADO09602	Ado09602	SSCP reve
562	10	33.3	20	12	ADO24885	Ado24885	Antisense
563	10	33.3	20	12	ADO24875	Ado24875	Human cyt
c 564	10	33.3	20	12	ADO22628	Ado22628	Human chr
c 565	10	33.3	20	12	ADO46347	Ado46347	Human oli
c 566	10	33.3	20	12	ADO45905	Ado45905	Human oli
c 567	10	33.3	20	12	ADO45906	Ado45906	Human oli
c 568	10	33.3	20	12	ADN89173	Adn89173	Human CD4
c 569	10	33.3	20	12	ADO32018	Ado32018	Cyclin-de
570	10	33.3	20	12	ADO31965	Ado31965	Cyclin-de
571	10	33.3	20	12	ADP10978	Adp10978	Set 1 lef
c 572	10	33.3	20	12	ADP44148	Adp44148	Human TEK
573	10	33.3	20	12	ADP44226	Adp44226	Human TEK
c 574	10	33.3	20	12	ADQ26563	Adq26563	HOXA2 RT-
c 575	10	33.3	20	12	ADQ76407	Adq76407	Nucleotid
576	10	33.3	21	2	AAQ37153	Aaq37153	Probe to

c 577	10	33.3	21	2	AAQ69978	Aaq69978 Sense pri
578	10	33.3	21	2	AAT39017	Aat39017 Tumour ne
579	10	33.3	21	2	AAT69199	Aat69199 Lipoprote
580	10	33.3	21	2	AAV29456	Aav29456 Calcium i
c 581	10	33.3	21	2	AAV43221	Aav43221 Multiple
582	10	33.3	21	2	AAV15154	Aav15154 PCR prime
c 583	10	33.3	21	2	AAX29712	Aax29712 Primer fo
c 584	10	33.3	21	2	AAX29713	Aax29713 Primer fo
585	10	33.3	21	2	AAZ28363	Aaz28363 PCR prime
c 586	10	33.3	21	2	AAX36532	Aax36532 PCR prime
587	10	33.3	21	2	AAV08004	Aav08004 Probe TNF
c 588	10	33.3	21	2	AAX18497	Aax18497 PCR prime
589	10	33.3	21	2	AAX36186	Aax36186 Fragment
590	10	33.3	21	3	AAZ49626	Aaz49626 PCR prime
c 591	10	33.3	21	3	AAC61632	Aac61632 Mismatch
592	10	33.3	21	3	AAA37976	Aaa37976 PCR prime
c 593	10	33.3	21	3	AAZ55795	Aaz55795 Rat fibro
c 594	10	33.3	21	3	AAA66491	Aaa66491 Dog genom
595	10	33.3	21	3	AAC66177	Aac66177 PCR prime
596	10	33.3	21	4	AAF97299	Aaf97299 Human gen
597	10	33.3	21	4	AAF97478	Aaf97478 Human gen
c 598	10	33.3	21	4	AAH39173	Aah39173 SNP speci
599	10	33.3	21	5	ABA10112	Aba10112 Tail prim
600	10	33.3	21	6	AAD28595	Aad28595 CysLT1L-T
c 601	10	33.3	21	6	AAL42778	Aal42778 Agrobacte
c 602	10	33.3	21	6	ABK46951	Abk46951 COX-2 ant
c 603	10	33.3	21	6	ABS60744	Abs60744 Human pol
604	10	33.3	21	6	AAL50116	Aal50116 Human CAB
605	10	33.3	21	6	ABK50848	Abk50848 Tartaric
606	10	33.3	21	6	AAD39344	Aad39344 Human Von
607	10	33.3	21	6	ABQ93992	Abq93992 NOV2 reve
c 608	10	33.3	21	8	ADA06002	Ada06002 Human NOV
c 609	10	33.3	21	9	ADB84406	Adb84406 MSRV-1 as
610	10	33.3	21	10	ADF08225	Adf08225 Mouse gen
611	10	33.3	21	10	ADF88160	Adf88160 Single nu
612	10	33.3	21	10	ADG76224	Adg76224 Reverse P
c 613	10	33.3	21	10	ADH94369	Adh94369 Human gen
c 614	10	33.3	21	12	ADG14852	Adg14852 MSRV asso
c 615	10	33.3	21	12	ADG74821	Adg74821 Human glu
616	10	33.3	21	12	ADK98248	Adk98248 Primer of
617	10	33.3	21	12	ADK97628	Adk97628 Primer of
c 618	10	33.3	21	12	ADN63153	Adn63153 Human NOV
c 619	10	33.3	21	12	ADP12382	Adp12382 Taqman pr
c 620	10	33.3	22	2	AAQ34229	Aaq34229 Upstream
621	10	33.3	22	2	AAQ53268	Aaq53268 BYMV prim
c 622	10	33.3	22	2	AAQ82250	Aaq82250 Chromosom
c 623	10	33.3	22	2	AAT32890	Aat32890 Bovine le
c 624	10	33.3	22	2	AAX29252	Aax29252 LGL leuka
625	10	33.3	22	3	AAA52781	Aaa52781 Murine cl
626	10	33.3	22	4	AAF79713	Aaf79713 Abp1 gene
c 627	10	33.3	22	4	AAH37922	Aah37922 SNP speci
628	10	33.3	22	4	AAF86421	Aaf86421 PCR prime
629	10	33.3	22	5	AAF79841	Aaf79841 Mycelia s
630	10	33.3	22	5	AAD10267	Aad10267 MDB391 pr
631	10	33.3	22	6	ABL92892	Abl92892 G protein
c 632	10	33.3	22	6	ABK24030	Abk24030 B7-relate
633	10	33.3	22	8	AAL50192	Aal50192 Abp1 gene

c 634	10	33.3	22	8	ABX72374	Abx72374 Human NOV
c 635	10	33.3	22	9	ADA00316	Ada00316 Human alp
636	10	33.3	22	10	ADD53817	Add53817 Human SC6
c 637	10	33.3	22	10	ADF79290	Adf79290 PSA PCR p
638	10	33.3	22	10	ABZ23689	Abz23689 TGF-beta1
c 639	10	33.3	22	10	ACF17102	Acf17102 Human NOV
c 640	10	33.3	22	10	ACF17099	Acf17099 Human NOV
641	10	33.3	22	12	ADG09482	Adg09482 TNF-alpha
642	10	33.3	22	12	ADH75261	Adh75261 IFN-assoc
c 643	10	33.3	22	12	ADI00882	Adi00882 PCR prime
c 644	10	33.3	23	2	AAT28837	Aat28837 Allele sp
645	10	33.3	23	4	AAF85363	Aaf85363 Probe use
646	10	33.3	23	4	AAF61237	Aaf61237 Borna dis
c 647	10	33.3	23	6	ABS57996	Abs57996 PCR prime
648	10	33.3	23	6	AAS97486	Aas97486 Murine SA
649	10	33.3	23	6	ABA04845	Aba04845 Human PCR
650	10	33.3	23	6	ABZ30217	Abz30217 Candida a
c 651	10	33.3	23	6	ABA91429	Aba91429 Haemophil
652	10	33.3	23	10	ADE90086	Ade90086 Human rho
653	10	33.3	23	10	ADG87458	Adg87458 Human Bon
654	10	33.3	23	12	ADG09530	Adg09530 TNF-alpha
655	10	33.3	23	12	ADH75287	Adh75287 IFN-assoc
656	10	33.3	23	12	ADK98107	Adk98107 Primer of
c 657	10	33.3	23	12	ADN61388	Adn61388 PCR prime
658	10	33.3	23	12	ADM15826	Adm15826 Murine SA
659	10	33.3	24	2	AAT28872	Aat28872 Primer #1
c 660	10	33.3	24	2	AAT28835	Aat28835 Allele sp
661	10	33.3	24	2	AAZ23548	Aaz23548 NET-1A lo
c 662	10	33.3	24	3	AAZ29407	Aaz29407 PCR prime
c 663	10	33.3	24	3	AAA09215	Aaa09215 S135L mut
c 664	10	33.3	24	3	AAA09216	Aaa09216 Wild-type
665	10	33.3	24	4	AAH42016	Aah42016 Disease t
666	10	33.3	24	5	AAS07991	Aas07991 Human G-p
667	10	33.3	24	5	AAS08295	Aas08295 Human G-p
668	10	33.3	24	5	AAH77436	Aah77436 Human sig
c 669	10	33.3	24	6	ABL60432	Abl60432 DNA fragm
c 670	10	33.3	24	6	ABQ02304	Abq02304 Oligonucl
c 671	10	33.3	24	6	ABQ08517	Abq08517 Oligonucl
672	10	33.3	24	6	ABQ08558	Abq08558 Oligonucl
673	10	33.3	24	6	ABZ21071	Abz21071 Zinc fing
c 674	10	33.3	24	6	ABI82598	Abi82598 Capture o
675	10	33.3	24	6	ABI91865	Abi91865 Capture o
c 676	10	33.3	24	6	ABI91864	Abi91864 Capture o
677	10	33.3	24	6	ABI82599	Abi82599 Capture o
c 678	10	33.3	24	6	ABQ99750	Abq99750 ecSOD pri
679	10	33.3	24	6	ABL54531	Abl54531 Pectinatu
680	10	33.3	24	8	ABX94658	Abx94658 Human CTG
c 681	10	33.3	24	8	ABT33423	Abt33423 NOVX PCR
c 682	10	33.3	24	8	AAL55489	Aal55489 NOVX PCR
683	10	33.3	24	9	ADA74010	Ada74010 Biotinyla
684	10	33.3	24	10	ADG31529	Adg31529 PCR prime
c 685	10	33.3	24	10	ADG47629	Adg47629 Mouse str
686	10	33.3	24	11	ADL96523	Adl96523 Human G p
687	10	33.3	24	11	ADL96571	Adl96571 Human G p
c 688	10	33.3	24	12	ADI04003	Adi04003 Bovine GH
c 689	10	33.3	24	12	ADL13463	Adl13463 Human thy
c 690	10	33.3	24	12	ADL13462	Adl13462 Human thy

691	10	33.3	24	12	ADL70669	Adl70669	Human	CC
c 692	10	33.3	25	2	AAT00186	Aat00186	Hepatitis	
c 693	10	33.3	25	2	AAT08801	Aat08801	Human	alp
c 694	10	33.3	25	2	AAT45825	Aat45825	Hepatitis	
c 695	10	33.3	25	3	AAZ65223	Aaz65223	Primer	am
c 696	10	33.3	25	3	AAA55454	Aaa55454	Hepatitis	
c 697	10	33.3	25	3	AAA57769	Aaa57769	Antisense	
698	10	33.3	25	4	AAF44581	Aaf44581	Mouse	DSS
c 699	10	33.3	25	4	AAC97493	Aac97493	Human	PRO
700	10	33.3	25	5	AAI61872	Aai61872	Soybean	2
c 701	10	33.3	25	5	AAF44380	Aaf44380	Human	PRO
c 702	10	33.3	25	5	AAF32391	Aaf32391	NAAT	rela
703	10	33.3	25	5	AAF32392	Aaf32392	NAAT	rela
c 704	10	33.3	25	5	AAC63216	Aac63216	Capture	p
c 705	10	33.3	25	6	ABQ61746	Abq61746	Human	aqu
706	10	33.3	25	6	ABQ61805	Abq61805	Human	aqu
707	10	33.3	25	6	ABQ61817	Abq61817	Human	aqu
708	10	33.3	25	6	ABQ61809	Abq61809	Human	aqu
c 709	10	33.3	25	6	ABQ61752	Abq61752	Human	aqu
c 710	10	33.3	25	6	ABQ61760	Abq61760	Human	aqu
711	10	33.3	25	6	ABQ61799	Abq61799	Human	aqu
c 712	10	33.3	25	6	ABQ61770	Abq61770	Human	aqu
713	10	33.3	25	6	ABQ61803	Abq61803	Human	aqu
c 714	10	33.3	25	6	ABQ61756	Abq61756	Human	aqu
715	10	33.3	25	6	ABQ61797	Abq61797	Human	aqu
716	10	33.3	25	6	ABQ61819	Abq61819	Human	aqu
c 717	10	33.3	25	6	ABQ61766	Abq61766	Human	aqu
c 718	10	33.3	25	6	ABQ61754	Abq61754	Human	aqu
c 719	10	33.3	25	6	ABQ61748	Abq61748	Human	aqu
720	10	33.3	25	6	ABQ61811	Abq61811	Human	aqu
c 721	10	33.3	25	6	ABQ61744	Abq61744	Human	aqu
c 722	10	33.3	25	6	ABQ61750	Abq61750	Human	aqu
723	10	33.3	25	6	ABQ61815	Abq61815	Human	aqu
c 724	10	33.3	25	6	ABQ61758	Abq61758	Human	aqu
725	10	33.3	25	6	ABQ61801	Abq61801	Human	aqu
726	10	33.3	25	6	ABQ61807	Abq61807	Human	aqu
727	10	33.3	25	6	ABQ61825	Abq61825	Human	aqu
c 728	10	33.3	25	6	ABQ61768	Abq61768	Human	aqu
c 729	10	33.3	25	6	ABQ61772	Abq61772	Human	aqu
730	10	33.3	25	6	ABQ61813	Abq61813	Human	aqu
731	10	33.3	25	6	ABQ61821	Abq61821	Human	aqu
c 732	10	33.3	25	6	ABQ61764	Abq61764	Human	aqu
c 733	10	33.3	25	6	ABQ61774	Abq61774	Human	aqu
c 734	10	33.3	25	6	ABQ61762	Abq61762	Human	aqu
735	10	33.3	25	6	ABS59666	Abs59666	Oligonucl	
c 736	10	33.3	25	8	ACA64422	Aca64422	Novel	hum
c 737	10	33.3	25	8	ABX80881	Abx80881	Human	sec
c 738	10	33.3	25	8	ACD44390	Acd44390	Human	PRO
c 739	10	33.3	25	8	ABX56460	Abx56460	Human	NOV
c 740	10	33.3	25	8	ABX56463	Abx56463	Human	NOV
c 741	10	33.3	25	8	ABX56457	Abx56457	Human	NOV
c 742	10	33.3	25	8	ABX79561	Abx79561	Human	sec
c 743	10	33.3	25	8	ACA93582	Aca93582	Novel	hum
c 744	10	33.3	25	8	ABX81264	Abx81264	Human	sec
c 745	10	33.3	25	8	ACC72201	Acc72201	Ag746	pro
c 746	10	33.3	25	8	ACC72198	Acc72198	Ag1294b	p
c 747	10	33.3	25	8	ACC72204	Acc72204	Ag905	pro

c 748	10	33.3	25	8	ACA93080	Aca93080	Novel	hum
c 749	10	33.3	25	8	ABX17164	Abx17164	Human	PRO
c 750	10	33.3	25	9	ACA68019	Aca68019	Novel	hum
c 751	10	33.3	25	9	ACA88468	Aca88468	Human	sec
c 752	10	33.3	25	9	ACD81975	Acd81975	Human	PRO
c 753	10	33.3	25	9	ADA37906	Ada37906	Human	sec
c 754	10	33.3	25	9	ADA21592	Ada21592	Human	sec
c 755	10	33.3	25	9	ADA10379	Ada10379	Human	PRO
756	10	33.3	25	9	ACI69525	Aci69525	Human	mic
757	10	33.3	25	9	ACK21504	Ack21504	Human	mic
758	10	33.3	25	9	ACI30974	Aci30974	Human	mic
c 759	10	33.3	25	9	ACI57430	Aci57430	Human	mic
c 760	10	33.3	25	9	ACI57431	Aci57431	Human	mic
761	10	33.3	25	9	ACI88529	Aci88529	Human	mic
c 762	10	33.3	25	9	ACK16220	Ack16220	Human	mic
763	10	33.3	25	9	ACI45727	Aci45727	Human	mic
764	10	33.3	25	9	ACK28730	Ack28730	Human	mic
c 765	10	33.3	25	9	ACI58475	Aci58475	Human	mic
c 766	10	33.3	25	9	ACI59032	Aci59032	Human	mic
c 767	10	33.3	25	9	ACI59033	Aci59033	Human	mic
768	10	33.3	25	9	ACI11082	Aci11082	Human	mic
769	10	33.3	25	9	ACI99924	Aci99924	Human	mic
c 770	10	33.3	25	9	ACI60723	Aci60723	Human	mic
771	10	33.3	25	9	ACI69524	Aci69524	Human	mic
772	10	33.3	25	9	ACI44347	Aci44347	Human	mic
773	10	33.3	25	9	ACI19971	Aci19971	Human	mic
c 774	10	33.3	25	9	ACI97056	Aci97056	Human	mic
775	10	33.3	25	9	ACI50623	Aci50623	Human	mic
c 776	10	33.3	25	9	ACK05750	Ack05750	Human	mic
777	10	33.3	25	9	ACI32482	Aci32482	Human	mic
c 778	10	33.3	25	9	ACK08035	Ack08035	Human	mic
779	10	33.3	25	9	ACK10491	Ack10491	Human	mic
780	10	33.3	25	9	ACI23247	Aci23247	Human	mic
c 781	10	33.3	25	9	ACI00458	Aci00458	Human	mic
782	10	33.3	25	9	ACI64681	Aci64681	Human	mic
c 783	10	33.3	25	9	ACK13901	Ack13901	Human	mic
784	10	33.3	25	9	ACI80723	Aci80723	Human	mic
785	10	33.3	25	9	ACI10454	Aci10454	Human	mic
c 786	10	33.3	25	9	ACI60722	Aci60722	Human	mic
787	10	33.3	25	9	ACI79637	Aci79637	Human	mic
c 788	10	33.3	25	9	ACI70605	Aci70605	Human	mic
c 789	10	33.3	25	9	ACK26817	Ack26817	Human	mic
c 790	10	33.3	25	9	ACK07534	Ack07534	Human	mic
c 791	10	33.3	25	9	ACI37097	Aci37097	Human	mic
792	10	33.3	25	9	ACI42773	Aci42773	Human	mic
793	10	33.3	25	9	ACI98916	Aci98916	Human	mic
c 794	10	33.3	25	9	ACI80318	Aci80318	Human	mic
c 795	10	33.3	25	9	ACI37096	Aci37096	Human	mic
796	10	33.3	25	9	ACI89650	Aci89650	Human	mic
797	10	33.3	25	9	ACK23271	Ack23271	Human	mic
798	10	33.3	25	9	ACI13473	Aci13473	Human	mic
799	10	33.3	25	9	ACI64680	Aci64680	Human	mic
800	10	33.3	25	9	ACI65298	Aci65298	Human	mic
801	10	33.3	25	9	ACI52417	Aci52417	Human	mic
c 802	10	33.3	25	9	ACK28411	Ack28411	Human	mic
803	10	33.3	25	9	ACI81395	Aci81395	Human	mic
c 804	10	33.3	25	9	ACK13028	Ack13028	Human	mic

805	10	33.3	25	9	ACI65299	Aci65299	Human	mic
c 806	10	33.3	25	9	ACK16221	Ack16221	Human	mic
807	10	33.3	25	9	ACI45726	Aci45726	Human	mic
808	10	33.3	25	9	ACI55562	Aci55562	Human	mic
c 809	10	33.3	25	9	ACI46861	Aci46861	Human	mic
810	10	33.3	25	9	ACI31752	Aci31752	Human	mic
811	10	33.3	25	9	ACI82586	Aci82586	Human	mic
c 812	10	33.3	25	9	ACK09412	Ack09412	Human	mic
813	10	33.3	25	9	ACK23270	Ack23270	Human	mic
814	10	33.3	25	9	ACI99298	Aci99298	Human	mic
c 815	10	33.3	25	9	ADA17923	Ada17923	Human	PRO
c 816	10	33.3	25	9	ACH59147	Ach59147	DNA	targe
c 817	10	33.3	25	9	ACH54818	Ach54818	DNA	targe
c 818	10	33.3	25	9	ACH53678	Ach53678	DNA	targe
819	10	33.3	25	9	ACH57271	Ach57271	DNA	targe
820	10	33.3	25	9	ACH64233	Ach64233	DNA	targe
c 821	10	33.3	25	9	ADA28031	Ada28031	Human	sec
c 822	10	33.3	25	9	ADA94611	Ada94611	Human	sec
c 823	10	33.3	25	9	ADA38836	Ada38836	Human	sec
c 824	10	33.3	25	9	ADA92957	Ada92957	Human	sec
c 825	10	33.3	25	9	ACH65536	Ach65536	Human	sec
c 826	10	33.3	25	9	ACC79782	Acc79782	Transform	
c 827	10	33.3	25	9	ADA22518	Ada22518	Human	sec
c 828	10	33.3	25	9	ACD39526	Acd39526	Human	PRO
c 829	10	33.3	25	9	ADA06684	Ada06684	Human	sec
c 830	10	33.3	25	9	ADA39377	Ada39377	Human	sec
c 831	10	33.3	25	9	ADB96403	Adb96403	Human	PRO
c 832	10	33.3	25	10	ADC57875	Adc57875	Human	PRO
c 833	10	33.3	25	10	ADC55239	Adc55239	Human	PRO
c 834	10	33.3	25	10	ADC12106	Adc12106	Human	sec
c 835	10	33.3	25	10	ADC56528	Adc56528	Human	PRO
c 836	10	33.3	25	10	ADC07583	Adc07583	Human	sec
c 837	10	33.3	25	10	ADC11573	Adc11573	Human	sec
c 838	10	33.3	25	10	ADC14695	Adc14695	Novel	hum
c 839	10	33.3	25	10	ADD08227	Add08227	Human	sec
c 840	10	33.3	25	10	ADC82052	Adc82052	Human	PRO
c 841	10	33.3	25	10	ADD07694	Add07694	Human	sec
c 842	10	33.3	25	10	ADC82585	Adc82585	Human	PRO
c 843	10	33.3	25	10	ADD08765	Add08765	Human	sec
c 844	10	33.3	25	10	ADD07014	Add07014	Human	sec
c 845	10	33.3	25	10	ADC83261	Adc83261	Human	PRO
c 846	10	33.3	25	10	ADD32178	Add32178	Human	IL-
c 847	10	33.3	25	10	ADD55368	Add55368	Human	PRO
c 848	10	33.3	25	10	ADD56326	Add56326	Human	PRO
c 849	10	33.3	25	10	ADD54764	Add54764	Human	PRO
c 850	10	33.3	25	10	ADE26918	Ade26918	Novel	hum
c 851	10	33.3	25	10	ADE40306	Ade40306	5' TET an	
c 852	10	33.3	25	10	ADE40300	Ade40300	5' TET an	
c 853	10	33.3	25	10	ADE40303	Ade40303	5' TET an	
c 854	10	33.3	25	10	ADE26385	Ade26385	Novel	hum
c 855	10	33.3	25	10	ADF67322	Adf67322	Human	CDN
c 856	10	33.3	25	10	ADI35576	Adi35576	Human	PRO
c 857	10	33.3	25	10	ADI00069	Adi00069	Novel	hum
c 858	10	33.3	25	10	ABX77965	Abx77965	Human	PRO
c 859	10	33.3	25	10	ABX80377	Abx80377	Human	sec
c 860	10	33.3	25	10	ACA69283	Aca69283	Human	sec
c 861	10	33.3	25	10	ABX90354	Abx90354	Human	sec

c 862	10	33.3	25	10	ABX64200	Abx64200	Human	PRO
c 863	10	33.3	25	12	ADF35521	Adf35521	Human	PRO
c 864	10	33.3	25	12	ADG11771	Adg11771	Human	PRO
c 865	10	33.3	25	12	ADH19641	Adh19641	Human	sec
c 866	10	33.3	25	12	ADH21134	Adh21134	Human	sec
c 867	10	33.3	25	12	ADH20174	Adh20174	Human	sec
c 868	10	33.3	25	12	ADH72687	Adh72687	Human	pro
c 869	10	33.3	25	12	ADH72690	Adh72690	Human	pro
870	10	33.3	25	12	ADL56955	Adl56955	Human	NOV
871	10	33.3	25	12	ADO39339	Ado39339	Human	NOV
c 872	10	33.3	25	12	ADO11479	Ado11479	Single	mu
873	10	33.3	25	12	ADO12014	Ado12014	Single	mu
c 874	10	33.3	25	12	ADP02946	Adp02946	Human	2',
875	10	33.3	25	12	ADP14083	Adp14083	Renal	cel
c 876	10	33.3	25	12	ADP16264	Adp16264	Renal	cel
877	10	33.3	25	12	ADP14082	Adp14082	Renal	cel
878	10	33.3	25	12	ADP14080	Adp14080	Renal	cel
879	10	33.3	25	12	ADP14081	Adp14081	Renal	cel
880	10	33.3	25	12	ADP14084	Adp14084	Renal	cel
881	10	33.3	26	2	AAT97027	Aat97027	Presenili	
882	10	33.3	26	3	AAA46067	Aaa46067	Human	G p
c 883	10	33.3	26	4	AAS06341	Aas06341	Probe	use
c 884	10	33.3	26	4	AAH91291	Aah91291	Human	inf
c 885	10	33.3	26	5	AAI68214	Aai68214	Human	ost
c 886	10	33.3	26	6	ABL92858	Abl92858	G protein	
887	10	33.3	26	6	ABS52144	Abs52144	Human	pro
c 888	10	33.3	26	6	ABS58899	Abs58899	Human	G-p
c 889	10	33.3	26	6	ABA97933	Aba97933	Human	sca
890	10	33.3	26	6	ABT06358	Abt06358	Human	NOV
c 891	10	33.3	26	6	ABT04236	Abt04236	Human	G-p
c 892	10	33.3	26	6	ABT04242	Abt04242	Human	G-p
c 893	10	33.3	26	6	ABT04239	Abt04239	Human	G-p
c 894	10	33.3	26	6	ABK40219	Abk40219	Human	G p
895	10	33.3	26	6	ABK49738	Abk49738	Human	mal
c 896	10	33.3	26	10	ABZ79734	Abz79734	Adapter	o
c 897	10	33.3	26	10	ADL25098	Adl25098	Intestina	
898	10	33.3	26	12	ADG86432	Adg86432	Human	MC4
c 899	10	33.3	26	12	ADH30989	Adh30989	Human	G-p
c 900	10	33.3	26	12	ADH30992	Adh30992	Human	G-p
c 901	10	33.3	26	12	ADH30986	Adh30986	Human	G-p
c 902	10	33.3	26	12	ADN49422	Adn49422	Human	MEM
c 903	10	33.3	26	12	ADN14458	Adn14458	Adapter	f
904	10	33.3	26	12	ADP20225	Adp20225	Human	G p
c 905	10	33.3	26	12	ADO55237	Ado55237	Immune	mo
906	10	33.3	27	2	AAQ78744	Aaq78744	Murine	an
c 907	10	33.3	27	2	AAQ99512	Aaq99512	Human	Fas
908	10	33.3	27	2	AAX67952	Aax67952	Human	flt
909	10	33.3	27	2	AAX74085	Aax74085	Mouse	flt
c 910	10	33.3	27	2	AAV06997	Aav06997	Primer	fo
911	10	33.3	27	2	AAT61708	Aat61708	Prostatic	
912	10	33.3	27	2	AAX80239	Aax80239	Human	BRC
913	10	33.3	27	2	AAX80240	Aax80240	Human	BRC
914	10	33.3	27	2	AAZ19847	Aaz19847	E. coli	t
915	10	33.3	27	3	AAZ63243	Aaz63243	Hammerhea	
916	10	33.3	27	3	AAA26974	Aaa26974	Rhesus	mo
917	10	33.3	27	3	AAZ94585	Aaz94585	Maize	cyc
c 918	10	33.3	27	3	AAA74848	Aaa74848	Human	IFN

919	10	33.3	27	3	AAA74849	Aaa74849 Human IFN
c 920	10	33.3	27	3	AAA94216	Aaa94216 Drosophil
921	10	33.3	27	5	AAF90470	Aaf90470 Human tum
c 922	10	33.3	27	6	ABA92529	Aba92529 Leucine z
923	10	33.3	27	6	ABQ74363	Abq74363 Truncated
c 924	10	33.3	27	6	ABN85152	Abn85152 HIV gp41
925	10	33.3	27	6	ABN85151	Abn85151 HIV gp41
926	10	33.3	27	10	ACF80004	Acf80004 Human pro
927	10	33.3	27	12	ADF91619	Adf91619 Human pro
928	10	33.3	27	12	ADM16458	Adm16458 rGFP-spec
c 929	10	33.3	27	12	ADN89257	Adn89257 Human CD4
930	10	33.3	27	12	ADO56229	Ado56229 Gene sile
c 931	10	33.3	28	2	AAT30520	Aat30520 Primer 5'
c 932	10	33.3	28	2	AAT30531	Aat30531 Primer 5'
c 933	10	33.3	28	2	AAV74097	Aav74097 Plasmid p
c 934	10	33.3	28	10	ABZ83431	Abz83431 Toxicolog
c 935	10	33.3	28	12	ADL99249	Adl99249 Human hep
c 936	10	33.3	28	12	ADN01475	Adn01475 Escherich
c 937	10	33.3	28	12	ADN11898	Adn11898 F oxyspor
c 938	10	33.3	28	12	ADP27752	Adp27752 PCR prime
939	10	33.3	29	2	AAV44876	Aav44876 Probe for
940	10	33.3	29	2	AAV09294	Aav09294 Clone AS1
941	10	33.3	29	2	AAX59649	Aax59649 PCR prime
942	10	33.3	29	2	AAV91479	Aav91479 Human C-r
c 943	10	33.3	29	2	AAX76816	Aax76816 PCR prime
944	10	33.3	29	3	AAA04606	Aaa04606 Polymorph
c 945	10	33.3	29	3	AAA03872	Aaa03872 Polymorph
946	10	33.3	29	3	AAF06707	Aaf06707 Hammerhea
947	10	33.3	29	3	AAF00039	Aaf00039 Hammerhea
948	10	33.3	29	5	AAF98550	Aaf98550 Human cDN
c 949	10	33.3	29	6	AAD27096	Aad27096 Rice alph
950	10	33.3	29	8	ABZ68979	Abz68979 PCR prime
c 951	10	33.3	29	9	ADA50169	Ada50169 PCR prime
952	10	33.3	29	10	ADC38891	Adc38891 Human sec
c 953	10	33.3	29	10	ABZ83692	Abz83692 Toxicolog
954	10	33.3	29	12	ADM76421	Adm76421 Human mye
955	10	33.3	29	12	ADO10947	Ado10947 Single mu
c 956	10	33.3	29	12	ADO10999	Ado10999 Single mu
957	10	33.3	30	2	AAQ74349	Aaq74349 Human CD3
958	10	33.3	30	2	AAT79711	Aat79711 Control p
c 959	10	33.3	30	2	AAT79710	Aat79710 Tumour ne
960	10	33.3	30	2	AAT99617	Aat99617 Protein k
c 961	10	33.3	30	2	AAV63955	Aav63955 Mycobacte
c 962	10	33.3	30	2	AAZ24696	Aaz24696 CD3delta
c 963	10	33.3	30	2	AAX28029	Aax28029 PCR prime
c 964	10	33.3	30	4	AAF27903	Aaf27903 Human NOV
c 965	10	33.3	30	4	AAF82275	Aaf82275 Human PIG
966	10	33.3	30	6	AAS17811	Aas17811 CD3 delta
967	10	33.3	30	6	ABQ78269	Abq78269 Primer us
968	10	33.3	30	6	ABT04893	Abt04893 Human G p
969	10	33.3	30	6	ABX69054	Abx69054 Novel Hel
c 970	10	33.3	30	6	ABN88990	Abn88990 Human PDG
971	10	33.3	30	8	ACC46062	Acc46062 Mouse LRP
972	10	33.3	30	8	ABX10484	Abx10484 Human CD3
c 973	10	33.3	30	9	ACD40307	Acd40307 Breast tu
974	10	33.3	30	10	ADB98783	Adb98783 Mouse Zma
c 975	10	33.3	30	10	ACF80631	Acf80631 BK channe

976	10	33.3	30	10	ACF80632	Acf80632 BK channe
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c 978	10	33.3	30	12	ADF66805	Adf66805 Novel hum
c 979	10	33.3	30	12	ADI19842	Adi19842 Human NOV
c 980	10	33.3	30	12	ADN01471	Adn01471 Enterobac
c 981	10	33.3	30	12	ADO60315	Ado60315 Human NOV
c 982	10	33.3	30	12	ADN89240	Adn89240 Human CD4
983	10	33.3	31	2	AAT31732	Aat31732 Saccharom
984	10	33.3	31	2	AAX56038	Aax56038 HIV-1 Gro
985	10	33.3	31	2	AAX37153	Aax37153 PCR prime
986	10	33.3	31	3	Aaz90264	Aaz90264 Synthetic
987	10	33.3	31	3	AAA78795	Aaa78795 Human gen
c 988	10	33.3	31	4	AAF75872	Aaf75872 PCR prime
989	10	33.3	31	4	AAI30981	Aai30981 Human sin
c 990	10	33.3	31	4	AAI29794	Aai29794 Human sin
991	10	33.3	31	10	AAD36858	Aad36858 Green flu
992	10	33.3	31	11	ADL73830	Adl73830 Human PKR
c 993	10	33.3	31	12	ADH97061	Adh97061 S. pneumo
c 994	10	33.3	31	12	ADL99251	Adl99251 Truncated
995	10	33.3	32	2	AAQ75452	Aaq75452 3'-5' pri
c 996	10	33.3	32	2	AAT35979	Aat35979 Antisense
c 997	10	33.3	32	2	AAT90807	Aat90807 Persephin
998	10	33.3	32	4	AAF56168	Aaf56168 Streptomy
999	10	33.3	32	4	AAA54400	Aaa54400 Primer fo
1000	10	33.3	32	6	AAD29238	Aad29238 Soybean f

ALIGNMENTS

OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:42:21 ; Search time 30 Seconds
 (without alignments)
 710.789 Million cell updates/sec

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 Perfect score: 30
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Scoring table: OLIGO_NUC
 Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 10

Total number of hits satisfying chosen parameters: 376

Minimum DB seq length: 0
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Post-processing: Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result			%		Query				Description
	No.	Score	Match	Length	DB	ID			
	1	27	90.0	77	4	US-08-956-171E-4944			Sequence 4944, Ap
	2	27	90.0	77	4	US-08-781-986A-4944			Sequence 4944, Ap
	3	13	43.3	43	3	US-09-257-503A-32			Sequence 32, Appl
	4	13	43.3	52	3	US-09-257-503A-35			Sequence 35, Appl
c	5	12	40.0	50	2	US-08-299-074A-5			Sequence 5, Appli
c	6	12	40.0	50	3	US-09-399-773-5			Sequence 5, Appli
c	7	12	40.0	52	4	US-08-956-171E-5081			Sequence 5081, Ap
	8	12	40.0	52	4	US-08-956-171E-5096			Sequence 5096, Ap
c	9	12	40.0	52	4	US-08-781-986A-5081			Sequence 5081, Ap
	10	12	40.0	52	4	US-08-781-986A-5096			Sequence 5096, Ap
	11	12	40.0	54	1	US-08-178-477B-1			Sequence 1, Appli
c	12	12	40.0	72	1	US-08-433-126A-37			Sequence 37, Appl

c	13	12	40.0	72	1	US-08-433-124A-37	Sequence 37, Appl
c	14	12	40.0	72	3	US-08-976-413A-37	Sequence 37, Appl
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c	16	11	36.7	17	2	US-08-292-620A-2000	Sequence 2000, Ap
	17	11	36.7	17	2	US-08-698-805-10	Sequence 10, Appl
c	18	11	36.7	17	3	US-09-071-845-2000	Sequence 2000, Ap
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c	20	11	36.7	18	5	PCT-US93-12600-5	Sequence 5, Appli
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c	22	11	36.7	18	5	PCT-US93-12600-26	Sequence 26, Appl
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c	47	11	36.7	29	3	US-09-407-715-5	Sequence 5, Appli
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	62	11	36.7	42	1	US-07-640-029-9	Sequence 9, Appli
	63	11	36.7	42	1	US-07-921-807B-15	Sequence 15, Appl
	64	11	36.7	42	1	US-08-441-944A-15	Sequence 15, Appl
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c	69	11	36.7	51	4	US-09-443-199C-832	Sequence 832, App

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	71	11	36.7	52	3	US-08-602-145-6	Sequence 6, Appli
c	72	11	36.7	57	4	US-10-256-221-5	Sequence 5, Appli
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	113	10	33.3	20	3	US-09-561-497-59	Sequence 59, Appl
c	114	10	33.3	20	3	US-09-702-246-19	Sequence 19, Appl
	115	10	33.3	20	4	US-09-657-452A-91	Sequence 91, Appl
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	117	10	33.3	20	4	US-09-898-361-121	Sequence 121, App
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c 145	10	33.3	22	2	US-08-117-952-250	Sequence 250, App
c 146	10	33.3	22	2	US-08-653-382A-1	Sequence 1, Appli
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158	10	33.3	25	4	US-09-538-709-370	Sequence 370, App
c 159	10	33.3	25	4	US-08-488-446-680	Sequence 680, App
c 160	10	33.3	25	4	US-08-467-344A-680	Sequence 680, App
c 161	10	33.3	25	4	US-08-424-550B-680	Sequence 680, App
c 162	10	33.3	25	5	PCT-US95-07068-24	Sequence 24, Appl
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164	10	33.3	27	1	US-08-538-875-14	Sequence 14, Appl
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c 169	10	33.3	27	3	US-09-012-097A-35	Sequence 35, Appl
c 170	10	33.3	27	3	US-09-012-097A-36	Sequence 36, Appl
c 171	10	33.3	27	3	US-09-180-100-7	Sequence 7, Appli
172	10	33.3	27	3	US-08-584-040-702	Sequence 702, App
173	10	33.3	27	3	US-08-584-040-6835	Sequence 6835, Ap
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194	10	33.3	29	4	US-09-304-232-806	Sequence 806, App
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206	10	33.3	31	2	US-08-343-923-7	Sequence 7, Appli
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c 213	10	33.3	32	4	US-09-220-407-140	Sequence 140, App
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224	10	33.3	34	3	US-08-818-111-38	Sequence 38, Appl
225	10	33.3	34	3	US-09-056-556-38	Sequence 38, Appl
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c 244	10	33.3	37	2	US-08-858-083-55	Sequence 55, Appl
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ALIGNMENTS

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c 5	13	43.3	21	16	US-10-684-190-58		Sequence 58, Appl
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c	94	11	36.7	21	18	US-10-812-232-94	Sequence 94, Appl
c	95	11	36.7	21	18	US-10-812-232-152	Sequence 152, App
c	96	11	36.7	21	18	US-10-812-232-181	Sequence 181, App
c	97	11	36.7	22	16	US-10-315-317-24	Sequence 24, Appl
c	98	11	36.7	22	17	US-10-315-217-24	Sequence 24, Appl
c	99	11	36.7	23	10	US-09-916-136A-5	Sequence 5, Appli
	100	11	36.7	23	15	US-10-239-316-24	Sequence 24, Appl
	101	11	36.7	23	15	US-10-410-681-54	Sequence 54, Appl
c	102	11	36.7	25	9	US-09-784-911-25	Sequence 25, Appl
	103	11	36.7	25	9	US-09-923-246-45	Sequence 45, Appl
c	104	11	36.7	25	14	US-10-215-112-7483	Sequence 7483, Ap
c	105	11	36.7	25	15	US-10-098-263B-20415	Sequence 20415, A
c	106	11	36.7	25	15	US-10-098-263B-20416	Sequence 20416, A
	107	11	36.7	25	15	US-10-098-263B-36503	Sequence 36503, A
	108	11	36.7	25	15	US-10-098-263B-36504	Sequence 36504, A
	109	11	36.7	25	15	US-10-098-263B-52407	Sequence 52407, A
c	110	11	36.7	25	15	US-10-098-263B-52590	Sequence 52590, A
c	111	11	36.7	25	15	US-10-098-263B-58465	Sequence 58465, A

c 112	11	36.7	25	15	US-10-098-263B-72594	Sequence 72594, A
c 113	11	36.7	25	15	US-10-098-263B-105732	Sequence 105732,
c 114	11	36.7	25	15	US-10-098-263B-110913	Sequence 110913,
115	11	36.7	25	15	US-10-098-263B-126031	Sequence 126031,
116	11	36.7	25	15	US-10-295-723-45	Sequence 45, Appl
c 117	11	36.7	25	17	US-10-717-597-2298	Sequence 2298, Ap
c 118	11	36.7	25	17	US-10-717-597-2299	Sequence 2299, Ap
c 119	11	36.7	25	17	US-10-717-597-3693	Sequence 3693, Ap
120	11	36.7	25	17	US-10-659-684-45	Sequence 45, Appl
c 121	11	36.7	25	17	US-10-775-169-3613	Sequence 3613, Ap
c 122	11	36.7	25	17	US-10-775-169-3614	Sequence 3614, Ap
123	11	36.7	25	18	US-10-787-442-45	Sequence 45, Appl
c 124	11	36.7	27	9	US-09-791-500-18	Sequence 18, Appl
125	11	36.7	27	10	US-09-875-076-51	Sequence 51, Appl
126	11	36.7	27	10	US-09-876-252-53	Sequence 53, Appl
c 127	11	36.7	27	10	US-09-864-636A-1098	Sequence 1098, Ap
c 128	11	36.7	27	10	US-09-864-636A-1103	Sequence 1103, Ap
c 129	11	36.7	27	10	US-09-864-636A-1110	Sequence 1110, Ap
c 130	11	36.7	27	10	US-09-864-636A-1116	Sequence 1116, Ap
c 131	11	36.7	27	11	US-09-864-426A-1098	Sequence 1098, Ap
c 132	11	36.7	27	11	US-09-864-426A-1103	Sequence 1103, Ap
c 133	11	36.7	27	11	US-09-864-426A-1110	Sequence 1110, Ap
c 134	11	36.7	27	11	US-09-864-426A-1116	Sequence 1116, Ap
c 135	11	36.7	27	15	US-10-219-143-18	Sequence 18, Appl
136	11	36.7	27	15	US-10-272-983-51	Sequence 51, Appl
137	11	36.7	27	15	US-10-393-807-51	Sequence 51, Appl
c 138	11	36.7	27	15	US-10-412-151-18	Sequence 18, Appl
c 139	11	36.7	27	15	US-10-084-839-1098	Sequence 1098, Ap
c 140	11	36.7	27	15	US-10-084-839-1103	Sequence 1103, Ap
c 141	11	36.7	27	15	US-10-084-839-1110	Sequence 1110, Ap
c 142	11	36.7	27	15	US-10-084-839-1116	Sequence 1116, Ap
c 143	11	36.7	27	15	US-10-084-839-2885	Sequence 2885, Ap
c 144	11	36.7	27	15	US-10-084-839-2891	Sequence 2891, Ap
145	11	36.7	27	15	US-10-417-820A-53	Sequence 53, Appl
146	11	36.7	27	17	US-10-723-955-53	Sequence 53, Appl
147	11	36.7	27	17	US-10-782-596-51	Sequence 51, Appl
c 148	11	36.7	29	9	US-09-884-566-5	Sequence 5, Appli
c 149	11	36.7	30	9	US-09-908-855-22	Sequence 22, Appl
150	11	36.7	30	15	US-10-062-809-10	Sequence 10, Appl
c 151	11	36.7	30	15	US-10-302-840A-16	Sequence 16, Appl
152	11	36.7	31	9	US-09-801-274-621	Sequence 621, App
c 153	11	36.7	31	10	US-09-912-263-144	Sequence 144, App
154	11	36.7	33	14	US-10-004-551-62	Sequence 62, Appl
c 155	11	36.7	34	16	US-10-313-963A-25	Sequence 25, Appl
c 156	11	36.7	36	13	US-10-117-178-7	Sequence 7, Appli
157	11	36.7	38	10	US-09-927-046-2681	Sequence 2681, Ap
158	11	36.7	38	10	US-09-930-423-2152	Sequence 2152, Ap
159	11	36.7	38	10	US-09-745-237A-2152	Sequence 2152, Ap
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161	11	36.7	38	17	US-10-287-949A-15867	Sequence 15867, A
c 162	11	36.7	39	10	US-09-977-418-85	Sequence 85, Appl
c 163	11	36.7	39	10	US-09-977-033A-85	Sequence 85, Appl
c 164	11	36.7	39	10	US-09-977-751C-85	Sequence 85, Appl
c 165	11	36.7	39	10	US-09-977-639A-85	Sequence 85, Appl
c 166	11	36.7	39	11	US-09-977-819B-85	Sequence 85, Appl
167	11	36.7	40	18	US-10-469-851-152	Sequence 152, App
c 168	11	36.7	40	18	US-10-469-851-153	Sequence 153, App

c 169	11	36.7	41	14	US-10-043-573-48	Sequence 48, Appl
c 170	11	36.7	41	16	US-10-277-216-243	Sequence 243, App
c 171	11	36.7	41	16	US-10-277-216-244	Sequence 244, App
c 172	11	36.7	41	16	US-10-277-216-375	Sequence 375, App
c 173	11	36.7	41	16	US-10-277-216-376	Sequence 376, App
c 174	11	36.7	41	16	US-10-126-022-243	Sequence 243, App
c 175	11	36.7	41	16	US-10-126-022-244	Sequence 244, App
c 176	11	36.7	41	16	US-10-126-022-375	Sequence 375, App
c 177	11	36.7	41	16	US-10-126-022-376	Sequence 376, App
178	11	36.7	41	16	US-10-276-723-9	Sequence 9, Appli
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c 182	11	36.7	42	18	US-10-814-752-28	Sequence 28, Appl
183	11	36.7	42	18	US-10-814-752-29	Sequence 29, Appl
c 184	11	36.7	43	15	US-10-134-645-8	Sequence 8, Appli
c 185	11	36.7	46	13	US-10-027-632-64927	Sequence 64927, A
c 186	11	36.7	46	15	US-10-027-632-64927	Sequence 64927, A
187	11	36.7	46	15	US-10-191-540-92	Sequence 92, Appl
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c 189	11	36.7	47	9	US-09-797-941A-23	Sequence 23, Appl
c 190	11	36.7	48	14	US-10-146-835-23	Sequence 23, Appl
c 191	11	36.7	50	16	US-10-131-827-4241	Sequence 4241, Ap
c 192	11	36.7	50	16	US-10-131-827-6409	Sequence 6409, Ap
193	11	36.7	50	16	US-10-131-827-6799	Sequence 6799, Ap
c 194	11	36.7	55	18	US-10-824-481-26	Sequence 26, Appl
195	11	36.7	56	17	US-10-681-818-237	Sequence 237, App
c 196	11	36.7	57	15	US-10-256-221-5	Sequence 5, Appli
c 197	11	36.7	57	17	US-10-801-985-5	Sequence 5, Appli
c 198	11	36.7	60	10	US-09-908-975-7606	Sequence 7606, Ap
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201	11	36.7	60	10	US-09-908-975-11940	Sequence 11940, A
202	11	36.7	60	10	US-09-908-975-12932	Sequence 12932, A
203	11	36.7	60	10	US-09-908-975-13860	Sequence 13860, A
204	11	36.7	60	10	US-09-908-975-18303	Sequence 18303, A
c 205	11	36.7	60	10	US-09-908-975-18418	Sequence 18418, A
206	11	36.7	60	10	US-09-908-975-21382	Sequence 21382, A
207	11	36.7	60	10	US-09-908-975-22792	Sequence 22792, A
208	11	36.7	60	14	US-10-208-155-6	Sequence 6, Appli
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210	11	36.7	60	15	US-10-410-998-187	Sequence 187, App
211	11	36.7	61	8	US-08-781-986A-2030	Sequence 2030, Ap
212	11	36.7	61	16	US-10-329-624-2030	Sequence 2030, Ap
c 213	11	36.7	65	10	US-09-908-975-972	Sequence 972, App
c 214	11	36.7	65	10	US-09-908-975-3197	Sequence 3197, Ap
c 215	11	36.7	65	10	US-09-908-975-23949	Sequence 23949, A
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217	11	36.7	65	10	US-09-908-975-29102	Sequence 29102, A
c 218	11	36.7	69	13	US-10-079-625-20	Sequence 20, Appl
c 219	11	36.7	69	18	US-10-830-922-14	Sequence 14, Appl
220	11	36.7	70	18	US-10-793-190-68	Sequence 68, Appl
c 221	11	36.7	71	10	US-09-849-928-314	Sequence 314, App
c 222	11	36.7	71	14	US-10-066-960-314	Sequence 314, App
c 223	11	36.7	71	16	US-10-409-627-314	Sequence 314, App
c 224	11	36.7	71	16	US-10-705-300-314	Sequence 314, App
225	11	36.7	75	18	US-10-317-821B-4	Sequence 4, Appli

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c 230	11	36.7	80	16	US-10-384-245-198	Sequence 198, App
231	11	36.7	82	15	US-10-029-386-26023	Sequence 26023, A
c 232	11	36.7	90	16	US-10-296-734-1441	Sequence 1441, Ap
233	11	36.7	94	9	US-09-864-761-19048	Sequence 19048, A
c 234	11	36.7	96	15	US-10-029-386-19003	Sequence 19003, A
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236	10	33.3	16	9	US-09-765-400-42	Sequence 42, Appl
237	10	33.3	16	16	US-10-376-341-198	Sequence 198, App
238	10	33.3	17	10	US-09-927-046-820	Sequence 820, App
239	10	33.3	17	10	US-09-927-046-1278	Sequence 1278, Ap
240	10	33.3	17	10	US-09-927-046-1505	Sequence 1505, Ap
241	10	33.3	17	10	US-09-927-046-1720	Sequence 1720, Ap
242	10	33.3	17	10	US-09-927-046-1991	Sequence 1991, Ap
243	10	33.3	17	10	US-09-927-046-1993	Sequence 1993, Ap
244	10	33.3	17	10	US-09-927-046-2005	Sequence 2005, Ap
c 245	10	33.3	17	15	US-10-156-306-10	Sequence 10, Appl
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247	10	33.3	17	17	US-10-712-672-2211	Sequence 2211, Ap
248	10	33.3	17	17	US-10-232-923-17	Sequence 17, Appl
249	10	33.3	18	16	US-10-376-341-203	Sequence 203, App
250	10	33.3	19	14	US-10-090-280-42	Sequence 42, Appl
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252	10	33.3	19	15	US-10-211-884-147	Sequence 147, App
253	10	33.3	19	15	US-10-211-858-147	Sequence 147, App
c 254	10	33.3	19	16	US-10-400-348-3	Sequence 3, Appli
255	10	33.3	19	16	US-10-016-248-137	Sequence 137, App
c 256	10	33.3	19	16	US-10-272-461-41	Sequence 41, Appl
257	10	33.3	20	8	US-08-911-824-112	Sequence 112, App
c 258	10	33.3	20	9	US-09-096-259-15	Sequence 15, Appl
259	10	33.3	20	9	US-09-096-259-20	Sequence 20, Appl
260	10	33.3	20	9	US-09-893-666A-3	Sequence 3, Appli
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c 262	10	33.3	20	9	US-09-791-243-19	Sequence 19, Appl
c 263	10	33.3	20	9	US-09-263-959-1144	Sequence 1144, Ap
264	10	33.3	20	9	US-09-922-549B-43	Sequence 43, Appl
265	10	33.3	20	10	US-09-898-361-121	Sequence 121, App
c 266	10	33.3	20	10	US-09-824-322B-295	Sequence 295, App
c 267	10	33.3	20	10	US-09-824-322B-438	Sequence 438, App
268	10	33.3	20	10	US-09-888-361-121	Sequence 121, App
c 269	10	33.3	20	10	US-09-909-595-44	Sequence 44, Appl
c 270	10	33.3	20	14	US-10-001-076-100	Sequence 100, App
c 271	10	33.3	20	15	US-10-279-186-58	Sequence 58, Appl
c 272	10	33.3	20	15	US-10-279-186-59	Sequence 59, Appl
c 273	10	33.3	20	15	US-10-007-010-80	Sequence 80, Appl
274	10	33.3	20	15	US-10-114-739A-43	Sequence 43, Appl
c 275	10	33.3	20	15	US-10-192-254-15	Sequence 15, Appl
276	10	33.3	20	15	US-10-192-254-20	Sequence 20, Appl
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c 278	10	33.3	20	15	US-10-286-653-29	Sequence 29, Appl
c 279	10	33.3	20	15	US-10-286-653-30	Sequence 30, Appl
280	10	33.3	20	15	US-10-286-653-31	Sequence 31, Appl
281	10	33.3	20	15	US-10-286-653-32	Sequence 32, Appl
c 282	10	33.3	20	15	US-10-286-678-29	Sequence 29, Appl

c 283	10	33.3	20	15	US-10-286-678-30	Sequence 30, Appl
284	10	33.3	20	15	US-10-286-678-31	Sequence 31, Appl
285	10	33.3	20	15	US-10-286-678-32	Sequence 32, Appl
286	10	33.3	20	15	US-10-181-875-70	Sequence 70, Appl
c 287	10	33.3	20	15	US-10-159-266-43	Sequence 43, Appl
288	10	33.3	20	15	US-10-159-266-117	Sequence 117, App
c 289	10	33.3	20	15	US-10-177-554-138	Sequence 138, App
c 290	10	33.3	20	16	US-10-277-216-122	Sequence 122, App
c 291	10	33.3	20	16	US-10-189-256-76	Sequence 76, Appl
292	10	33.3	20	16	US-10-189-256-138	Sequence 138, App
c 293	10	33.3	20	16	US-10-289-762-1446	Sequence 1446, Ap
c 294	10	33.3	20	16	US-10-289-762-4078	Sequence 4078, Ap
295	10	33.3	20	16	US-10-289-762-5804	Sequence 5804, Ap
c 296	10	33.3	20	16	US-10-131-827-8965	Sequence 8965, Ap
297	10	33.3	20	16	US-10-131-827-9001	Sequence 9001, Ap
c 298	10	33.3	20	16	US-10-085-198-569	Sequence 569, App
c 299	10	33.3	20	16	US-10-126-022-122	Sequence 122, App
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c 304	10	33.3	20	16	US-10-272-461-6	Sequence 6, Appli
c 305	10	33.3	20	16	US-10-670-184-95	Sequence 95, Appl
306	10	33.3	20	16	US-10-210-802-76	Sequence 76, Appl
c 307	10	33.3	20	16	US-10-210-802-129	Sequence 129, App
c 308	10	33.3	20	16	US-10-623-472-20	Sequence 20, Appl
c 309	10	33.3	20	17	US-10-319-914-14	Sequence 14, Appl
310	10	33.3	20	17	US-10-319-914-92	Sequence 92, Appl
c 311	10	33.3	20	17	US-10-652-795-295	Sequence 295, App
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c 314	10	33.3	20	17	US-10-647-918-438	Sequence 438, App
c 315	10	33.3	20	17	US-10-619-739-2009	Sequence 2009, Ap
316	10	33.3	20	18	US-10-776-013-130	Sequence 130, App
317	10	33.3	20	18	US-10-776-013-131	Sequence 131, App
318	10	33.3	20	18	US-10-723-354-12	Sequence 12, Appl
319	10	33.3	20	18	US-10-481-364A-60	Sequence 60, Appl
320	10	33.3	20	18	US-10-481-364A-71	Sequence 71, Appl
c 321	10	33.3	20	18	US-10-484-007-44	Sequence 44, Appl
c 322	10	33.3	20	18	US-10-478-914-133	Sequence 133, App
c 323	10	33.3	21	8	US-08-979-847-111	Sequence 111, App
c 324	10	33.3	21	9	US-09-374-671-41	Sequence 41, Appl
325	10	33.3	21	9	US-09-866-230-4	Sequence 4, Appli
c 326	10	33.3	21	11	US-09-727-030C-27	Sequence 27, Appl
c 327	10	33.3	21	14	US-10-196-107A-41	Sequence 41, Appl
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c 330	10	33.3	21	15	US-10-114-104-111	Sequence 111, App
c 331	10	33.3	21	16	US-10-265-649-19	Sequence 19, Appl
332	10	33.3	21	16	US-10-403-676-137	Sequence 137, App
333	10	33.3	21	16	US-10-042-865-201	Sequence 201, App
c 334	10	33.3	21	16	US-10-262-511-362	Sequence 362, App
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c 339	10	33.3	21	18	US-10-786-720-11079	Sequence 11079, A

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c 361	10	33.3	21	18	US-10-683-990-209	Sequence 209, App
362	10	33.3	21	18	US-10-683-990-213	Sequence 213, App
c 363	10	33.3	21	18	US-10-683-990-217	Sequence 217, App
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c 378	10	33.3	21	18	US-10-751-736-1955	Sequence 1955, Ap
c 379	10	33.3	21	18	US-10-751-736-1957	Sequence 1957, Ap
c 380	10	33.3	21	18	US-10-751-736-2206	Sequence 2206, Ap
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c 382	10	33.3	21	18	US-10-751-736-2419	Sequence 2419, Ap
c 383	10	33.3	21	18	US-10-751-736-2420	Sequence 2420, Ap
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c 385	10	33.3	21	18	US-10-751-736-2579	Sequence 2579, Ap
c 386	10	33.3	21	18	US-10-751-736-4642	Sequence 4642, Ap
c 387	10	33.3	21	18	US-10-751-736-4643	Sequence 4643, Ap
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c 389	10	33.3	21	18	US-10-751-736-5126	Sequence 5126, Ap
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c 633	10	33.3	27	16	US-10-716-062-34	Sequence 34, Appl
c 634	10	33.3	27	16	US-10-716-062-35	Sequence 35, Appl
635	10	33.3	27	17	US-10-439-262-13	Sequence 13, Appl
636	10	33.3	27	18	US-10-663-875-15	Sequence 15, Appl
c 637	10	33.3	28	17	US-10-697-036-47	Sequence 47, Appl
c 638	10	33.3	28	18	US-10-758-307-190	Sequence 190, App
c 639	10	33.3	28	18	US-10-820-060-45	Sequence 45, Appl
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c 641	10	33.3	29	9	US-09-863-040-66	Sequence 66, Appl
642	10	33.3	29	10	US-09-915-815-14	Sequence 14, Appl
643	10	33.3	29	13	US-10-114-893-249	Sequence 249, App
c 644	10	33.3	29	14	US-10-270-555-13	Sequence 13, Appl
c 645	10	33.3	29	15	US-10-336-638-72	Sequence 72, Appl
646	10	33.3	29	15	US-10-336-638-806	Sequence 806, App
c 647	10	33.3	29	15	US-10-454-210-66	Sequence 66, Appl
648	10	33.3	29	16	US-10-665-667-26	Sequence 26, Appl
649	10	33.3	30	9	US-09-759-352-48	Sequence 48, Appl
c 650	10	33.3	30	9	US-09-252-150-58	Sequence 58, Appl
651	10	33.3	30	9	US-09-995-225-38	Sequence 38, Appl
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c 653	10	33.3	30	10	US-09-977-033A-78	Sequence 78, Appl
c 654	10	33.3	30	10	US-09-977-751C-78	Sequence 78, Appl
655	10	33.3	30	10	US-09-995-225-38	Sequence 38, Appl
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c 657	10	33.3	30	11	US-09-977-819B-78	Sequence 78, Appl
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661	10	33.3	30	16	US-10-375-293A-4	Sequence 4, Appli
c 662	10	33.3	30	16	US-10-399-673-18	Sequence 18, Appl
663	10	33.3	30	18	US-10-477-238A-790	Sequence 790, App
664	10	33.3	30	18	US-10-680-287A-790	Sequence 790, App
c 665	10	33.3	30	18	US-10-646-381-58	Sequence 58, Appl
666	10	33.3	31	8	US-08-911-824-11	Sequence 11, Appl
667	10	33.3	31	14	US-10-123-170-11	Sequence 11, Appl
668	10	33.3	31	15	US-10-156-306-3022	Sequence 3022, Ap
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c 671	10	33.3	32	15	US-10-337-992-6	Sequence 6, Appli
672	10	33.3	33	10	US-09-894-799-3	Sequence 3, Appli
c 673	10	33.3	33	11	US-09-835-694-3	Sequence 3, Appli
c 674	10	33.3	33	11	US-09-835-694-39	Sequence 39, Appl
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c 676	10	33.3	33	15	US-10-109-791A-94	Sequence 94, Appl
677	10	33.3	33	15	US-10-109-791A-95	Sequence 95, Appl
c 678	10	33.3	33	15	US-10-109-791A-96	Sequence 96, Appl
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c 680	10	33.3	33	17	US-10-678-816-31	Sequence 31, Appl
681	10	33.3	34	8	US-08-911-824-25	Sequence 25, Appl

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683	10	33.3	34	15	US-10-084-843-38	Sequence 38, Appl
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c 685	10	33.3	35	14	US-10-137-351-6	Sequence 6, Appli
c 686	10	33.3	35	15	US-10-099-322-287	Sequence 287, App
c 687	10	33.3	35	16	US-10-044-564-287	Sequence 287, App
688	10	33.3	35	17	US-10-746-167-69	Sequence 69, Appl
689	10	33.3	36	9	US-09-504-231A-2475	Sequence 2475, Ap
690	10	33.3	36	9	US-09-274-553D-2475	Sequence 2475, Ap
c 691	10	33.3	36	9	US-09-858-217-4	Sequence 4, Appli
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694	10	33.3	37	17	US-10-287-949A-20221	Sequence 20221, A
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700	10	33.3	38	10	US-09-745-237A-1888	Sequence 1888, Ap
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703	10	33.3	38	16	US-10-138-674-12970	Sequence 12970, A
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707	10	33.3	38	17	US-10-287-949A-12970	Sequence 12970, A
708	10	33.3	38	17	US-10-287-949A-14735	Sequence 14735, A
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712	10	33.3	39	10	US-09-852-370-45	Sequence 45, Appl
c 713	10	33.3	39	14	US-10-246-581-21	Sequence 21, Appl
c 714	10	33.3	39	14	US-10-246-581-23	Sequence 23, Appl
715	10	33.3	39	15	US-10-087-286-37	Sequence 37, Appl
716	10	33.3	39	15	US-10-002-244-22	Sequence 22, Appl
717	10	33.3	39	15	US-10-002-244-51	Sequence 51, Appl
718	10	33.3	39	15	US-10-002-244-54	Sequence 54, Appl
719	10	33.3	39	15	US-10-341-967-20	Sequence 20, Appl
c 720	10	33.3	39	16	US-10-453-827-962	Sequence 962, App
c 721	10	33.3	39	16	US-10-453-827-1109	Sequence 1109, Ap
722	10	33.3	39	16	US-10-716-062-14	Sequence 14, Appl
723	10	33.3	40	15	US-10-109-349A-72	Sequence 72, Appl
724	10	33.3	40	18	US-10-469-851-96	Sequence 96, Appl
725	10	33.3	40	18	US-10-469-851-168	Sequence 168, App
c 726	10	33.3	40	18	US-10-469-851-171	Sequence 171, App
727	10	33.3	41	16	US-10-276-723-8	Sequence 8, Appli
c 728	10	33.3	41	16	US-10-035-833A-2065	Sequence 2065, Ap
c 729	10	33.3	41	16	US-10-035-833A-7322	Sequence 7322, Ap
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731	10	33.3	43	15	US-10-032-585-1833	Sequence 1833, Ap
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c 735	10	33.3	45	10	US-09-769-863-3	Sequence 3, Appli
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c 737	10	33.3	45	15	US-10-120-637A-3	Sequence 3, Appli
738	10	33.3	45	15	US-10-054-534B-2	Sequence 2, Appli

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c 743	10	33.3	45	18	US-10-913-226-3	Sequence 3, Appli
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c 745	10	33.3	45	18	US-10-913-271-3	Sequence 3, Appli
746	10	33.3	45	18	US-10-913-779-2	Sequence 2, Appli
c 747	10	33.3	45	18	US-10-913-779-3	Sequence 3, Appli
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749	10	33.3	46	16	US-10-220-418-20	Sequence 20, Appl
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754	10	33.3	47	16	US-10-349-143-1414	Sequence 1414, Ap
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759	10	33.3	48	11	US-09-842-776A-5	Sequence 5, Appli
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762	10	33.3	50	16	US-10-131-827-476	Sequence 476, App
c 763	10	33.3	50	16	US-10-131-827-676	Sequence 676, App
c 764	10	33.3	50	16	US-10-131-827-1654	Sequence 1654, Ap
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768	10	33.3	50	16	US-10-131-827-3189	Sequence 3189, Ap
c 769	10	33.3	50	16	US-10-131-827-7248	Sequence 7248, Ap
c 770	10	33.3	50	16	US-10-131-827-7301	Sequence 7301, Ap
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c 776	10	33.3	51	18	US-10-813-638-961	Sequence 961, App
c 777	10	33.3	51	18	US-10-865-478-135	Sequence 135, App
778	10	33.3	51	18	US-10-865-478-586	Sequence 586, App
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c 781	10	33.3	54	10	US-09-900-345A-163	Sequence 163, App
c 782	10	33.3	54	15	US-10-305-765-192	Sequence 192, App
c 783	10	33.3	54	15	US-10-305-765-197	Sequence 197, App
c 784	10	33.3	54	15	US-10-305-633-192	Sequence 192, App
c 785	10	33.3	54	15	US-10-305-633-197	Sequence 197, App
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c 865	10	33.3	65	10	US-09-908-975-352	Sequence 352, App
866	10	33.3	65	10	US-09-908-975-1034	Sequence 1034, Ap
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868	10	33.3	65	10	US-09-908-975-1121	Sequence 1121, Ap
c 869	10	33.3	65	10	US-09-908-975-1686	Sequence 1686, Ap
c 870	10	33.3	65	10	US-09-908-975-2315	Sequence 2315, Ap
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c 872	10	33.3	65	10	US-09-908-975-2680	Sequence 2680, Ap
c 873	10	33.3	65	10	US-09-908-975-2738	Sequence 2738, Ap
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c 908	10	33.3	65	17	US-10-666-480-155	Sequence 155, App
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c 912	10	33.3	68	16	US-10-374-531-77	Sequence 77, Appl
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914	10	33.3	70	9	US-09-878-134-120	Sequence 120, App
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c 979	10	33.3	94	18	US-10-780-638-20	Sequence 20, Appl
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c 982	10	33.3	96	9	US-09-919-408-7	Sequence 7, Appli
983	10	33.3	96	9	US-09-919-408-8	Sequence 8, Appli
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985	10	33.3	96	9	US-09-872-136-8	Sequence 8, Appli
c 986	10	33.3	96	9	US-09-764-847-1391	Sequence 1391, Ap
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993	10	33.3	97	14	US-10-066-960-48	Sequence 48, Appl
994	10	33.3	97	16	US-10-409-627-48	Sequence 48, Appl
995	10	33.3	97	16	US-10-705-300-48	Sequence 48, Appl
c 996	10	33.3	100	9	US-09-908-711-136	Sequence 136, App
c 997	10	33.3	100	9	US-09-864-761-24591	Sequence 24591, A
c 998	10	33.3	100	10	US-09-764-891-6124	Sequence 6124, Ap
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c1000	10	33.3	100	16	US-10-085-783A-9875	Sequence 9875, Ap

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 975.155 Seconds
(without alignments)
1121.045 Million cell updates/sec

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Perfect score: 30
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Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 859

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_htc:*
4: gb_est3:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_gss1:*
9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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c	4	14	46.7	93	8	AZ785110	AZ785110 2M0028A17
c	5	13	43.3	50	8	AZ840938	AZ840938 2M0138N07
	6	13	43.3	52	1	AI159215	AI159215 vz82b08.r
	7	13	43.3	70	1	AI121924	AI121924 uc45b11.r
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c	9	12	40.0	29	8	AZ335439	AZ335439 1M0065F24

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	12	12	40.0	46	8	AZ788754	AZ788754	2M0036A12
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	24	12	40.0	70	9	CG571303	CG571303	OST200868
c	25	12	40.0	72	9	TA246H10P	AL482327	T. brucei
c	26	12	40.0	74	9	CG616829	CG616829	OST309490
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c	28	12	40.0	81	2	AW215278	AW215278	up06g05.y
	29	12	40.0	81	9	CR221350	CR221350	Reverse s
	30	12	40.0	82	9	CR358535	CR358535	Arabidops
	31	12	40.0	83	9	CR032882	CR032882	Reverse s
	32	12	40.0	86	8	AZ665595	AZ665595	1M0547E07
	33	12	40.0	87	1	AA244803	AA244803	mx27h07.r
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	38	12	40.0	93	1	AV551027	AV551027	AV551027
	39	12	40.0	94	8	BH910386	BH910386	SALK_0592
	40	12	40.0	95	9	CG560188	CG560188	OST180267
	41	12	40.0	97	9	CR177739	CR177739	Forward s
c	42	12	40.0	98	8	AZ576206	AZ576206	AST-TD12S
	43	12	40.0	99	1	AU255852	AU255852	AU255852
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c	48	11	36.7	45	7	R32733	R32733	yh71g09.r1
	49	11	36.7	45	8	BH635963	BH635963	1008008B1
	50	11	36.7	45	8	BH855197	BH855197	SALK_0864
c	51	11	36.7	46	6	CF327549	CF327549	NACL--02-
	52	11	36.7	46	8	BH910965	BH910965	SALK_0637
c	53	11	36.7	47	8	AZ487120	AZ487120	1M0316P20
	54	11	36.7	48	8	AZ831191	AZ831191	2M0110L13
c	55	11	36.7	50	8	AZ304992	AZ304992	1M0005D12
c	56	11	36.7	51	9	BX979533	BX979533	Forward s
	57	11	36.7	52	8	BZ762159	BZ762159	SALK_0917
c	58	11	36.7	53	1	AA614223	AA614223	np13h10.s
	59	11	36.7	54	9	CR198501	CR198501	Reverse s
	60	11	36.7	56	8	AZ449209	AZ449209	1M0247A19
c	61	11	36.7	57	8	AZ777741	AZ777741	2M0012D18
c	62	11	36.7	58	4	BG379689	BG379689	UI-R-CS0-
c	63	11	36.7	58	9	CR055734	CR055734	Forward s
	64	11	36.7	59	4	BI944423	BI944423	sab21c09.
c	65	11	36.7	61	4	BG099366	BG099366	nag45g05.
c	66	11	36.7	62	2	AW131081	AW131081	xf57c09.x

c	67	11	36.7	62	2	AW131082	AW131082	xf57c10.x
c	68	11	36.7	62	8	BH406408	BH406408	RPCI-23-4
	69	11	36.7	62	8	BZ353206	BZ353206	SALK_1199
	70	11	36.7	62	8	BZ662110	BZ662110	SALK_0255
	71	11	36.7	62	9	TA367H04Q	AL495257	T. brucei
c	72	11	36.7	63	9	CG545960	CG545960	OST144793
c	73	11	36.7	64	1	AI005554	AI005554	ov58b05.s
	74	11	36.7	64	4	BG940751	BG940751	ax07d09.y
c	75	11	36.7	64	9	CNS03YLQ	AL266471	Tetraodon
	76	11	36.7	65	1	AL849834	AL849834	AL849834
	77	11	36.7	65	8	BZ591541	BZ591541	3590_1_87
c	78	11	36.7	66	6	CD957809	CD957809	SCM_134 G
	79	11	36.7	67	9	CR113573	CR113573	Forward s
c	80	11	36.7	67	9	CG553574	CG553574	OST166257
c	81	11	36.7	67	9	CG621044	CG621044	OST318790
	82	11	36.7	68	6	CD943441	CD943441	RCQ_52 Ge
c	83	11	36.7	68	6	CD967048	CD967048	SER_5 Gen
	84	11	36.7	68	8	BH642184	BH642184	1008016B0
	85	11	36.7	69	8	BH915708	BH915708	3526_1_49
	86	11	36.7	70	1	AI033420	AI033420	ow74g06.s
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	91	11	36.7	72	9	CG528176	CG528176	OST107204
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	93	11	36.7	73	1	AA915777	AA915777	vz35f09.r
	94	11	36.7	73	7	CK725557	CK725557	SWWbL3CAW
	95	11	36.7	73	7	CK726137	CK726137	SWWbL3CAW
c	96	11	36.7	73	9	CG627640	CG627640	OST338031
c	97	11	36.7	74	8	AZ474333	AZ474333	1M0290D23
c	98	11	36.7	74	9	BX290258	BX290258	Arabidops
	99	11	36.7	74	9	BX895440	BX895440	Arabidops
	100	11	36.7	75	7	CN858980	CN858980	000728AAA
	101	11	36.7	76	9	CG524841	CG524841	OST99243
	102	11	36.7	77	9	CG480833	CG480833	OST12948
	103	11	36.7	77	9	CG611855	CG611855	OST297330
	104	11	36.7	78	6	CF044296	CF044296	QCJ28a05.
	105	11	36.7	79	5	BX557706	BX557706	BX557706
	106	11	36.7	80	9	CG588673	CG588673	OST239862
	107	11	36.7	81	1	AA786607	AA786607	m5c10a1.f
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	109	11	36.7	81	8	BH223168	BH223168	1006111E0
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c	113	11	36.7	83	8	AZ390499	AZ390499	1M0151F24
c	114	11	36.7	83	9	BX962967	BX962967	Forward s
c	115	11	36.7	83	9	CG536212	CG536212	OST123916
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	117	11	36.7	83	9	CG659502	CG659502	OST437613
c	118	11	36.7	84	1	AA786465	AA786465	mle08a1.r
c	119	11	36.7	84	7	CN937245	CN937245	000306AVB
	120	11	36.7	84	8	AZ600863	AZ600863	1M0418D24
	121	11	36.7	84	9	AG188017	AG188017	Pan trogl
	122	11	36.7	85	1	AA691847	AA691847	vt05e10.r
	123	11	36.7	85	1	AA965398	AA965398	i2a10a1.r

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c 126	11	36.7	85	9	DR25J8S	AL984428 Danio rer
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c 131	11	36.7	88	1	AA402051	AA402051 zu53a08.r
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c 133	11	36.7	88	9	CR215223	CR215223 Forward s
134	11	36.7	89	4	BM041565	BM041565 603614287
135	11	36.7	89	6	CA946520	CA946520 ni08b08.x
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c 137	11	36.7	89	8	AZ807137	AZ807137 2M0069N07
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c 140	11	36.7	90	8	AZ626165	AZ626165 1M0466H14
c 141	11	36.7	90	8	AZ855034	AZ855034 2M0158I19
142	11	36.7	90	8	BH629038	BH629038 1007075H1
c 143	11	36.7	90	9	BX906372	BX906372 Leishmani
c 144	11	36.7	90	9	LBAF038D05	BX542938 Leishmani
145	11	36.7	91	1	AA292103	AA292103 zr58h02.r
c 146	11	36.7	91	5	BP130620	BP130620 BP130620
147	11	36.7	91	9	CG530700	CG530700 OST112617
148	11	36.7	92	1	AA619415	AA619415 vo84a05.r
149	11	36.7	92	8	B30823	B30823 HS-1003-A2-
c 150	11	36.7	92	8	BZ380539	BZ380539 SALK_1152
151	11	36.7	92	9	TA205D10Q	AL476385 T. brucei
152	11	36.7	93	8	BH215603	BH215603 1006027G1
c 153	11	36.7	93	9	CG522946	CG522946 OST93539
154	11	36.7	94	7	N59325	N59325 yz22g08.r1
c 155	11	36.7	94	9	CG661122	CG661122 OST441802
156	11	36.7	95	7	CF883494	CF883494 tric088xn
157	11	36.7	95	9	CR240017	CR240017 Forward s
c 158	11	36.7	96	1	AA127992	AA127992 zl13f04.r
c 159	11	36.7	96	1	AI965895	AI965895 sc79d07.y
c 160	11	36.7	96	1	AV970576	AV970576 AV970576
161	11	36.7	96	8	BH813655	BH813655 SALK_0645
162	11	36.7	96	9	CG626811	CG626811 OST335475
163	11	36.7	97	2	BF507163	BF507163 24935P-6
164	11	36.7	97	9	CG635803	CG635803 OST359082
165	11	36.7	98	1	AA060670	AA060670 mj64d11.r
c 166	11	36.7	98	9	FR0023603	AL016461 F.rubripe
167	11	36.7	98	9	CG662679	CG662679 OST446814
168	11	36.7	99	5	BQ028299	BQ028299 UI-H-CO0-
169	11	36.7	99	8	BH228633	BH228633 1006147H0
170	11	36.7	100	1	AA663032	AA663032 ab72b07.s
171	11	36.7	100	1	AA127956	AA127956 zl13f04.s
c 172	11	36.7	100	2	BF119315	BF119315 601757329
c 173	11	36.7	100	4	BF990067	BF990067 MR3-GN014
174	10	33.3	15	9	CL436203	CL436203 PST2506-N
175	10	33.3	21	6	CF325365	CF325365 JMT1--03-
176	10	33.3	23	8	AZ309027	AZ309027 1M0012I07
c 177	10	33.3	23	8	AZ802022	AZ802022 2M0060C15
c 178	10	33.3	23	8	AZ974615	AZ974615 2M0249H18
c 179	10	33.3	24	8	AZ583558	AZ583558 1M0378J01
180	10	33.3	24	9	AJ594755	AJ594755 Arabidops

c 181	10	33.3	27	8	AZ483323	AZ483323	1M0308J22
182	10	33.3	28	5	BQ589286	BQ589286	S014007-0
c 183	10	33.3	28	8	AZ592086	AZ592086	1M0402L10
c 184	10	33.3	31	8	AZ657691	AZ657691	1M0534J06
185	10	33.3	31	8	AZ995788	AZ995788	2M0281D15
c 186	10	33.3	33	4	BJ046766	BJ046766	BJ046766
c 187	10	33.3	33	9	CL659693	CL659693	PRI0135a_
188	10	33.3	34	1	AU007062	AU007062	AU007062
c 189	10	33.3	36	8	BH609577	BH609577	HIV10C05
190	10	33.3	36	9	DME545167	AJ545167	Drosophil
191	10	33.3	37	8	AZ797426	AZ797426	2M0053H10
192	10	33.3	37	9	CL521441	CL521441	SER3A09 F
193	10	33.3	38	2	BE261178	BE261178	601152951
c 194	10	33.3	38	8	AZ812945	AZ812945	2M0080C03
c 195	10	33.3	39	8	AZ416776	AZ416776	1M0192J07
196	10	33.3	39	8	AZ500139	AZ500139	1M0338O14
197	10	33.3	40	1	AA958439	AA958439	ua12d01.r
c 198	10	33.3	40	6	CF280638	CF280638	14ETL--07
199	10	33.3	40	7	CO258621	CO258621	VRK352 Vi
200	10	33.3	40	9	CL517413	CL517413	DAA3H12 F
c 201	10	33.3	41	8	BZ589522	BZ589522	3590_1_70
202	10	33.3	43	8	AZ807491	AZ807491	2M0070E22
203	10	33.3	43	8	BH901899	BH901899	SALK_0909
c 204	10	33.3	43	9	AJ588681	AJ588681	Arabidops
205	10	33.3	43	9	TA117A10P	AL462717	T. brucei
206	10	33.3	44	9	CL214478	CL214478	W080D08 G
207	10	33.3	44	9	CL519228	CL519228	DAF9D08 F
208	10	33.3	44	9	CL519559	CL519559	DAG6A06 F
209	10	33.3	45	1	AA683880	AA683880	vr06c09.r
c 210	10	33.3	45	1	AJ651025	AJ651025	AJ651025
211	10	33.3	45	6	CA850746	CA850746	D06B01_B0
c 212	10	33.3	46	8	BZ289950	BZ289950	SALK_0233
c 213	10	33.3	46	9	AL938361	AL938361	Arabidops
214	10	33.3	48	8	BZ592555	BZ592555	1(2)SH017
c 215	10	33.3	48	9	CR402344	CR402344	Arabidops
c 216	10	33.3	49	6	CA341266	CA341266	pk13c02.x
c 217	10	33.3	49	8	AZ435462	AZ435462	1M0222F03
218	10	33.3	49	8	AZ817223	AZ817223	2M0086N19
219	10	33.3	49	9	CL520524	CL520524	DAI7C01 F
c 220	10	33.3	50	1	AU102988	AU102988	AU102988
c 221	10	33.3	50	6	CA969709	CA969709	CcLX06a24
c 222	10	33.3	51	4	BG222744	BG222744	nah38b07.
c 223	10	33.3	51	4	BG272628	BG272628	nah28e12.
224	10	33.3	51	8	BH214935	BH214935	1006012D0
225	10	33.3	51	9	CR066986	CR066986	Forward s
226	10	33.3	51	9	LBAF012G02	BX540068	Leishmani
227	10	33.3	51	9	CL529257	CL529257	HIV36B4.x
c 228	10	33.3	52	4	BG525757	BG525757	49-39 Ste
229	10	33.3	52	9	AJ599509	AJ599509	Arabidops
230	10	33.3	52	9	BX289103	BX289103	Arabidops
231	10	33.3	52	9	CL437862	CL437862	PST6428-N
c 232	10	33.3	53	2	BF211235	BF211235	601812663
c 233	10	33.3	53	4	BG272443	BG272443	nah30g03.
234	10	33.3	53	6	CA339521	CA339521	NISC_ly03
235	10	33.3	53	6	CB353553	CB353553	ZF001-P00
236	10	33.3	54	1	AI253778	AI253778	aq29f10.x
237	10	33.3	54	1	AI877662	AI877662	fc50b05.y

238	10	33.3	54	1	AV833768	AV833768	AV833768
239	10	33.3	54	6	CA850918	CA850918	D08B03_D1
240	10	33.3	54	6	CB226319	CB226319	1RT32H11
c 241	10	33.3	54	7	CF929488	CF929488	lag47g09.
c 242	10	33.3	54	8	AZ774246	AZ774246	2M0003K19
c 243	10	33.3	54	9	CR113657	CR113657	Forward s
c 244	10	33.3	55	1	AJ239854	AJ239854	AJ239854
245	10	33.3	55	4	BM043974	BM043974	603620958
246	10	33.3	56	9	CL521051	CL521051	SAK8C07 F
c 247	10	33.3	57	1	AL797516	AL797516	AL797516
c 248	10	33.3	57	1	AA591865	AA591865	vl15g09.r
249	10	33.3	57	8	AZ308427	AZ308427	1M0011F22
c 250	10	33.3	57	8	AZ813948	AZ813948	2M0081M21
251	10	33.3	58	1	AA948422	AA948422	on52e09.s
c 252	10	33.3	58	1	AI965857	AI965857	sc78g02.y
c 253	10	33.3	58	1	AA562947	AA562947	vl57b08.r
254	10	33.3	58	6	CA898152	CA898152	PCEP03055
255	10	33.3	58	7	H55535	H55535	CHR220474 C
256	10	33.3	58	8	BH792160	BH792160	SALK_0628
c 257	10	33.3	58	9	AJ601313	AJ601313	Arabidops
258	10	33.3	58	9	AL947414	AL947414	Arabidops
c 259	10	33.3	58	9	BX537068	BX537068	Arabidops
260	10	33.3	59	6	CB356654	CB356654	ZF001-P00
261	10	33.3	59	8	AZ826832	AZ826832	2M0102A20
262	10	33.3	59	9	CL522648	CL522648	DAK5A02 F
c 263	10	33.3	60	2	AW263795	AW263795	xq48b03.x
264	10	33.3	60	4	BJ080479	BJ080479	BJ080479
265	10	33.3	60	6	CD940428	CD940428	RAM_54 Ge
c 266	10	33.3	60	6	CD967819	CD967819	SEY_253 G
267	10	33.3	60	7	H52868	H52868	EST0022 Tes
268	10	33.3	60	7	U44159	U44159	ENU44159 As
269	10	33.3	60	8	AZ622294	AZ622294	1M0459C06
c 270	10	33.3	60	9	BX662344	BX662344	Arabidops
271	10	33.3	61	1	AV851846	AV851846	AV851846
272	10	33.3	61	6	CA772274	CA772274	io94a11.y
c 273	10	33.3	61	9	BX962889	BX962889	Forward s
274	10	33.3	61	9	CG610089	CG610089	OST292363
c 275	10	33.3	61	9	CG642930	CG642930	OST379957
276	10	33.3	61	9	CG671053	CG671053	OST472357
277	10	33.3	61	9	CG732768	CG732768	1119150H0
278	10	33.3	61	9	CG732769	CG732769	1119150H0
279	10	33.3	61	9	CG732776	CG732776	1119150H0
280	10	33.3	62	6	CB366019	CB366019	ZF001-P00
281	10	33.3	62	7	CN863537	CN863537	000919AAL
282	10	33.3	62	9	TA55E04P	AL455786	T. brucei
c 283	10	33.3	62	9	CG612328	CG612328	OST298426
c 284	10	33.3	62	9	CG615546	CG615546	OST306157
c 285	10	33.3	62	9	CG618381	CG618381	OST313038
286	10	33.3	62	9	CG624195	CG624195	OST327300
287	10	33.3	62	9	CG662501	CG662501	OST446343
c 288	10	33.3	62	9	CL436533	CL436533	PST3207-N
289	10	33.3	63	1	AU076494	AU076494	AU076494
c 290	10	33.3	63	2	AW151032	AW151032	xg43g10.x
c 291	10	33.3	63	2	AW556735	AW556735	L0272F06-
c 292	10	33.3	63	4	BG280571	BG280571	c4g07np.r
293	10	33.3	63	6	CB366094	CB366094	ZF001-P00
c 294	10	33.3	63	6	CF001741	CF001741	QBG6a05.p

295	10	33.3	63	8	AZ478351	AZ478351	1M0298B23
c 296	10	33.3	63	8	AZ813519	AZ813519	2M0080P15
297	10	33.3	63	9	CG670922	CG670922	OST471885
c 298	10	33.3	64	1	AA866011	AA866011	oh30g11.s
c 299	10	33.3	64	1	AA870188	AA870188	vq12h07.r
300	10	33.3	64	1	AA073314	AA073314	mm84f03.r
c 301	10	33.3	64	1	AI644582	AI644582	vv19a10.x
302	10	33.3	64	2	BE239299	BE239299	SWOvL2CAS
303	10	33.3	64	4	BI097392	BI097392	SWOv3MCAM
304	10	33.3	64	6	CB355671	CB355671	ZF001-P00
305	10	33.3	64	6	CF001742	CF001742	QBG6a05.x
c 306	10	33.3	64	7	Z21403	Z21403	HSAAAEBXR T
307	10	33.3	64	8	AF107437	AF107437	AF107437
c 308	10	33.3	64	8	AZ440550	AZ440550	1M0231I12
c 309	10	33.3	64	8	B44936	B44936	HS-1060-A2-
310	10	33.3	64	8	BH855695	BH855695	SALK_0847
311	10	33.3	64	9	CG524299	CG524299	OST98120
312	10	33.3	64	9	CG527719	CG527719	OST105952
313	10	33.3	64	9	CG549567	CG549567	OST153388
314	10	33.3	64	9	CG626290	CG626290	OST334064
315	10	33.3	64	9	CG631855	CG631855	OST348989
316	10	33.3	64	9	CG669942	CG669942	OST467582
317	10	33.3	64	9	CG708423	CG708423	1119009C0
c 318	10	33.3	65	1	AI741061	AI741061	wg08a04.x
c 319	10	33.3	65	8	AZ339907	AZ339907	1M0071P02
320	10	33.3	65	8	B36173	B36173	HS-1038-A1-
321	10	33.3	65	9	CG546761	CG546761	OST146689
322	10	33.3	65	9	CG576158	CG576158	OST210668
323	10	33.3	65	9	CG615376	CG615376	OST305246
c 324	10	33.3	65	9	CG708241	CG708241	1119008B0
c 325	10	33.3	66	1	AI523518	AI523518	ar73g03.x
c 326	10	33.3	66	1	AU259021	AU259021	AU259021
c 327	10	33.3	66	7	CN926996	CN926996	000529AEP
c 328	10	33.3	66	8	AZ509413	AZ509413	1M0352B21
c 329	10	33.3	66	9	BX291369	BX291369	Arabidops
c 330	10	33.3	66	9	BX958507	BX958507	Reverse s
331	10	33.3	66	9	CR131171	CR131171	Reverse s
332	10	33.3	66	9	CG518437	CG518437	OST79948
333	10	33.3	66	9	CG520344	CG520344	OST85516
334	10	33.3	66	9	CG590041	CG590041	OST242990
c 335	10	33.3	67	9	AL755754	AL755754	Arabidops
c 336	10	33.3	67	9	AL761696	AL761696	Arabidops
c 337	10	33.3	67	9	HSMC14B12	X88383	H.sapiens D
c 338	10	33.3	67	9	CG538472	CG538472	OST128511
339	10	33.3	67	9	CG667606	CG667606	OST461522
340	10	33.3	67	9	CG670839	CG670839	OST471710
c 341	10	33.3	67	9	AG200632	AG200632	Pan trogl
342	10	33.3	68	1	AI993123	AI993123	701495377
c 343	10	33.3	68	6	C00130	C00130	HUMGS000576
344	10	33.3	68	8	AZ640966	AZ640966	1M0503D15
c 345	10	33.3	68	9	DME545554	AJ545554	Drosophil
c 346	10	33.3	68	9	CG520006	CG520006	OST84665
c 347	10	33.3	68	9	CG576022	CG576022	OST210377
348	10	33.3	68	9	CG576686	CG576686	OST211700
349	10	33.3	68	9	CG625081	CG625081	OST329896
c 350	10	33.3	68	9	CG633206	CG633206	OST352613
c 351	10	33.3	68	9	CG642503	CG642503	OST378626

	352	10	33.3	68	9	CG667402	CG667402	OST460377
	353	10	33.3	68	9	CG670588	CG670588	OST470989
c	354	10	33.3	69	1	AU259778	AU259778	AU259778
c	355	10	33.3	69	5	BQ759611	BQ759611	EBpi03_SQ
	356	10	33.3	69	6	CD964347	CD964347	SEB_45 Ge
	357	10	33.3	69	6	CD965415	CD965415	SEJ_82 Ge
	358	10	33.3	69	8	AZ434020	AZ434020	1M0220P08
c	359	10	33.3	69	9	AL756396	AL756396	Arabidops
	360	10	33.3	69	9	CG552987	CG552987	OST165018
	361	10	33.3	69	9	CG588881	CG588881	OST240385
	362	10	33.3	69	9	CG617320	CG617320	OST310685
	363	10	33.3	69	9	CG634541	CG634541	OST355719
	364	10	33.3	69	9	CG667359	CG667359	OST460183
	365	10	33.3	69	9	CG671114	CG671114	OST472580
	366	10	33.3	69	9	L48742	L48742	HUMAG Chrom
	367	10	33.3	70	1	AI038934	AI038934	ox96h11.x
c	368	10	33.3	70	1	AI158435	AI158435	ud28a09.r
c	369	10	33.3	70	1	AJ695998	AJ695998	AJ695998
	370	10	33.3	70	1	AA405878	AA405878	zu57a12.r
	371	10	33.3	70	2	BF507147	BF507147	23113P-8a
	372	10	33.3	70	4	BM874227	BM874227	laa03f04.
	373	10	33.3	70	6	CB366119	CB366119	ZF001-P00
	374	10	33.3	70	7	CO051872	CO051872	Mdfw2055p
c	375	10	33.3	70	7	F30042	F30042	HSPD20287 H
c	376	10	33.3	70	7	R85465	R85465	yo36c09.s1
	377	10	33.3	70	8	AZ766459	AZ766459	1M0564K05
c	378	10	33.3	70	8	AZ783528	AZ783528	2M0025D20
c	379	10	33.3	70	8	BZ378535	BZ378535	SALK_1082
c	380	10	33.3	70	9	CR172136	CR172136	Reverse s
	381	10	33.3	70	9	CC795960	CC795960	SALK_0889
c	382	10	33.3	70	9	CG583915	CG583915	OST226604
	383	10	33.3	70	9	CG629920	CG629920	OST344160
c	384	10	33.3	70	9	CL302269	CL302269	G055A03 G
	385	10	33.3	70	9	CL609958	CL609958	CH240_177
	386	10	33.3	70	9	AG191620	AG191620	Pan trogl
c	387	10	33.3	71	1	AA285873	AA285873	vb83a08.r
	388	10	33.3	71	6	CB362820	CB362820	ZF001-P00
	389	10	33.3	71	6	CD947025	CD947025	REX_102 G
	390	10	33.3	71	6	CD948840	CD948840	SAH_203 G
	391	10	33.3	71	6	CD965171	CD965171	SEH_48 Ge
	392	10	33.3	71	8	BH853855	BH853855	SALK_0783
c	393	10	33.3	71	9	CG481727	CG481727	OST14348
	394	10	33.3	71	9	CG497870	CG497870	OST38726
	395	10	33.3	71	9	CG538409	CG538409	OST128382
	396	10	33.3	71	9	CG590017	CG590017	OST242945
	397	10	33.3	71	9	CG636866	CG636866	OST361916
	398	10	33.3	71	9	CG667393	CG667393	OST460310
	399	10	33.3	71	9	CG669889	CG669889	OST467379
	400	10	33.3	71	9	CG670957	CG670957	OST471981
	401	10	33.3	71	9	CG671211	CG671211	OST472855
	402	10	33.3	71	9	CL522379	CL522379	DAK2H06 F
	403	10	33.3	72	1	AA911104	AA911104	ok67g02.s
	404	10	33.3	72	4	BI520673	BI520673	603071655
	405	10	33.3	72	9	AL767765	AL767765	Arabidops
	406	10	33.3	72	9	CG486608	CG486608	OST21723
c	407	10	33.3	72	9	CG516011	CG516011	OST73617
	408	10	33.3	72	9	CG582199	CG582199	OST223154

c 409	10	33.3	72	9	CG623893	CG623893	OST326599
410	10	33.3	72	9	CG629888	CG629888	OST343805
411	10	33.3	72	9	CG652502	CG652502	OST415742
412	10	33.3	72	9	CG668898	CG668898	OST465271
413	10	33.3	72	9	CG670246	CG670246	OST469347
414	10	33.3	72	9	CG670707	CG670707	OST471267
415	10	33.3	73	1	AA861849	AA861849	ak39c02.s
416	10	33.3	73	1	AA882117	AA882117	vx36e03.r
417	10	33.3	73	1	AI001729	AI001729	os97h08.s
c 418	10	33.3	73	1	AA209193	AA209193	zq65h01.s
419	10	33.3	73	2	BF018550	BF018550	ux79a02.y
c 420	10	33.3	73	6	CD954223	CD954223	SBN_335 G
c 421	10	33.3	73	7	CK725926	CK725926	SWWbL3CAW
422	10	33.3	73	7	CN194470	CN194470	rg94h08.y
c 423	10	33.3	73	7	D78241	D78241	D78241 EST
c 424	10	33.3	73	8	AZ922003	AZ922003	HRCot1G05
425	10	33.3	73	9	CR036233	CR036233	Reverse s
c 426	10	33.3	73	9	CC556388	CC556388	CH240_464
c 427	10	33.3	73	9	CG616166	CG616166	OST307978
428	10	33.3	73	9	CG635724	CG635724	OST358737
429	10	33.3	73	9	CG669028	CG669028	OST465599
430	10	33.3	73	9	CG887123	CG887123	RRS786 Ba
431	10	33.3	73	9	CL522380	CL522380	DAK2B07 F
c 432	10	33.3	73	9	CL522380	CL522380	DAK2B07 F
433	10	33.3	74	1	AA920993	AA920993	vy17g06.r
c 434	10	33.3	74	1	AI253431	AI253431	aq15e04.x
435	10	33.3	74	1	AV841003	AV841003	AV841003
436	10	33.3	74	2	BF036474	BF036474	601460229
c 437	10	33.3	74	4	BG272690	BG272690	nah35f11.
438	10	33.3	74	5	BQ590385	BQ590385	E012843-0
439	10	33.3	74	5	BU642621	BU642621	mgmk012xO
440	10	33.3	74	5	BU644286	BU644286	mgmk019xP
441	10	33.3	74	5	BU828350	BU828350	K021P42P
442	10	33.3	74	8	BZ288759	BZ288759	SALK_0221
443	10	33.3	74	9	TA267E10P	AL484721	T. brucei
444	10	33.3	74	9	CG522682	CG522682	OST92642
445	10	33.3	74	9	CG590391	CG590391	OST243779
446	10	33.3	74	9	CG595313	CG595313	OST254650
447	10	33.3	75	1	AI049212	AI049212	ub39g11.r
448	10	33.3	75	1	AA419240	AA419240	zv35a03.r
449	10	33.3	75	6	CB352524	CB352524	ZF001-P00
450	10	33.3	75	7	H60692	H60692	yr53a11.r1
451	10	33.3	75	8	AZ317978	AZ317978	1M0036P22
452	10	33.3	75	8	BH000503	BH000503	2M0288J24
c 453	10	33.3	75	9	AL938564	AL938564	Arabidops
454	10	33.3	75	9	BX948448	BX948448	Arabidops
455	10	33.3	75	9	CG624439	CG624439	OST328179
456	10	33.3	75	9	CG669655	CG669655	OST466791
457	10	33.3	75	9	CG671027	CG671027	OST472244
c 458	10	33.3	75	9	CL658354	CL658354	PRI0131b_
459	10	33.3	75	9	AG264551	AG264551	Lotus cor
460	10	33.3	76	1	AA711088	AA711088	vt55e05.r
461	10	33.3	76	1	AI433822	AI433822	th81h08.x
c 462	10	33.3	76	1	AI857308	AI857308	wl50g09.x
463	10	33.3	76	1	AA208799	AA208799	mu68b03.r
c 464	10	33.3	76	1	AA265054	AA265054	mx90e08.r
465	10	33.3	76	1	AV847451	AV847451	AV847451

c 466	10	33.3	76	1	AA511320	AA511320	vj22d01.r
467	10	33.3	76	1	AA574909	AA574909	vm37a09.r
c 468	10	33.3	76	4	BM441464	BM441464	EBma05_SQ
469	10	33.3	76	5	BU649192	BU649192	1112077D0
470	10	33.3	76	9	AL762406	AL762406	Arabidops
471	10	33.3	76	9	AL762407	AL762407	Arabidops
472	10	33.3	76	9	AL762420	AL762420	Arabidops
473	10	33.3	76	9	AL762421	AL762421	Arabidops
c 474	10	33.3	76	9	AL938362	AL938362	Arabidops
c 475	10	33.3	76	9	BX136213	BX136213	Danio rer
c 476	10	33.3	76	9	BX660275	BX660275	Arabidops
477	10	33.3	76	9	CR170055	CR170055	Reverse s
478	10	33.3	76	9	CC884439	CC884439	SALK_1130
479	10	33.3	76	9	CG527186	CG527186	OST104796
c 480	10	33.3	76	9	CG528474	CG528474	OST107878
481	10	33.3	76	9	CG576928	CG576928	OST212161
482	10	33.3	76	9	CG625503	CG625503	OST331452
483	10	33.3	76	9	CG668456	CG668456	OST464397
484	10	33.3	76	9	CG670073	CG670073	OST468205
485	10	33.3	76	9	CG671092	CG671092	OST472505
c 486	10	33.3	76	9	AG023278	AG023278	Oryza sat
487	10	33.3	77	2	AW251006	AW251006	2821163.3
488	10	33.3	77	2	AW251008	AW251008	2821207.3
489	10	33.3	77	5	BQ759248	BQ759248	EBpi01_SQ
c 490	10	33.3	77	6	CA848629	CA848629	ip37c01.y
491	10	33.3	77	7	CN864829	CN864829	000930AAL
492	10	33.3	77	8	BH233122	BH233122	1006171G0
c 493	10	33.3	77	8	BH894647	BH894647	3526_1_2_
c 494	10	33.3	77	9	BX003974	BX003974	Arabidops
495	10	33.3	77	9	CG525449	CG525449	OST100505
496	10	33.3	77	9	CG595224	CG595224	OST254372
497	10	33.3	77	9	CG595597	CG595597	OST255519
498	10	33.3	77	9	CG669061	CG669061	OST465669
c 499	10	33.3	78	1	AA415010	AA415010	vc50e05.r
500	10	33.3	78	1	AA512518	AA512518	vj18h04.r
501	10	33.3	78	1	AA591891	AA591891	vi48h04.r
c 502	10	33.3	78	5	BQ753820	BQ753820	EBca01_SQ
503	10	33.3	78	6	CB352248	CB352248	ZF001-P00
c 504	10	33.3	78	7	CK101830	CK101830	F122P85.5
c 505	10	33.3	78	7	T61776	T61776	yb93g04.r1
506	10	33.3	78	8	AF219010	AF219010	AF219010
507	10	33.3	78	8	AZ478512	AZ478512	1M0298E07
c 508	10	33.3	78	9	AL953578	AL953578	Arabidops
509	10	33.3	78	9	CG646063	CG646063	OST391452
510	10	33.3	78	9	CG666858	CG666858	OST457998
511	10	33.3	78	9	CG667546	CG667546	OST461353
512	10	33.3	78	9	AG188058	AG188058	Pan trogl
513	10	33.3	79	1	AA922367	AA922367	oh91b11.s
514	10	33.3	79	1	AA097928	AA097928	mn82c03.r
c 515	10	33.3	79	1	AI958773	AI958773	fc96h07.y
516	10	33.3	79	1	AU076908	AU076908	AU076908
c 517	10	33.3	79	6	CB298729	CB298729	220024_re
518	10	33.3	79	6	CB353980	CB353980	ZF001-P00
c 519	10	33.3	79	6	CD958921	CD958921	SCS_191 G
520	10	33.3	79	7	CF776705	CF776705	jaa34a04.
521	10	33.3	79	7	CK095805	CK095805	UA29DPG03
c 522	10	33.3	79	7	CK108090	CK108090	G094P30 P

c 523	10	33.3	79	7	F29628	F29628 HSPD19615 H
524	10	33.3	79	8	AF107409	AF107409 AF107409
525	10	33.3	79	8	AZ595784	AZ595784 1M0408C08
526	10	33.3	79	9	CG591254	CG591254 OST245635
527	10	33.3	79	9	CG631900	CG631900 OST349140
528	10	33.3	79	9	CG645460	CG645460 OST390074
529	10	33.3	79	9	CG667363	CG667363 OST460189
530	10	33.3	79	9	CG669035	CG669035 OST465612
531	10	33.3	79	9	CG670346	CG670346 OST469939
532	10	33.3	79	9	CG670715	CG670715 OST471281
533	10	33.3	79	9	CG777900	CG777900 1123011G0
534	10	33.3	79	9	CL315446	CL315446 RRU393 Ba
535	10	33.3	80	4	BI943534	BI943534 sq33d05.y
536	10	33.3	80	9	CG562298	CG562298 OST184624
537	10	33.3	80	9	CG576772	CG576772 OST211864
538	10	33.3	80	9	CG611726	CG611726 OST297093
c 539	10	33.3	80	9	CG615531	CG615531 OST306061
540	10	33.3	80	9	CG666444	CG666444 OST456506
541	10	33.3	80	9	CG670369	CG670369 OST470084
542	10	33.3	80	9	CL301943	CL301943 P016G05 G
543	10	33.3	80	9	CL459641	CL459641 XT0822 Sa
544	10	33.3	81	1	AI787014	AI787014 ui84d11.y
545	10	33.3	81	1	AL788980	AL788980 AL788980
c 546	10	33.3	81	1	AV967376	AV967376 AV967376
c 547	10	33.3	81	5	BU650453	BU650453 1112086H1
c 548	10	33.3	81	5	BW508604	BW508604 BW508604
549	10	33.3	81	6	CB352254	CB352254 ZF001-P00
c 550	10	33.3	81	8	AZ322741	AZ322741 1M0043010
c 551	10	33.3	81	9	CG489705	CG489705 OST26533
c 552	10	33.3	81	9	CG626128	CG626128 OST333726
553	10	33.3	81	9	CG666662	CG666662 OST457097
554	10	33.3	81	9	CG666811	CG666811 OST457814
c 555	10	33.3	82	1	AA219976	AA219976 mv65b08.r
c 556	10	33.3	82	1	AA425898	AA425898 zw17g06.s
c 557	10	33.3	82	5	BW507855	BW507855 BW507855
558	10	33.3	82	6	CB051402	CB051402 NISC_gj24
559	10	33.3	82	6	CB359974	CB359974 ZF001-P00
c 560	10	33.3	82	7	CF353192	CF353192 lab63b09.
c 561	10	33.3	82	7	CF354965	CF354965 lab65c09.
562	10	33.3	82	8	AZ785032	AZ785032 2M0028I04
c 563	10	33.3	82	8	B36238	B36238 HS-1038-A2-
564	10	33.3	82	8	BH849547	BH849547 SALK_0698
565	10	33.3	82	9	TA198G09Q	AL477822 T. brucei
566	10	33.3	82	9	CG556104	CG556104 OST171349
c 567	10	33.3	82	9	CG664917	CG664917 OST452659
568	10	33.3	82	9	CG666930	CG666930 OST458433
569	10	33.3	82	9	CG667184	CG667184 OST459509
570	10	33.3	82	9	CG669778	CG669778 OST467037
571	10	33.3	82	9	CL210626	CL210626 F014F01 G
572	10	33.3	82	9	CL518484	CL518484 DAE4D05 F
573	10	33.3	83	1	AA784289	AA784289 d4b05a1.f
c 574	10	33.3	83	4	BJ063432	BJ063432 BJ063432
575	10	33.3	83	6	CA848338	CA848338 ip37c01.x
c 576	10	33.3	83	6	CD422225	CD422225 laa76e09.
577	10	33.3	83	7	CN867978	CN867978 001130AAN
578	10	33.3	83	8	AZ655703	AZ655703 1M0530M16
c 579	10	33.3	83	8	AZ970988	AZ970988 2M0244N15

580	10	33.3	83	8	BH216785	BH216785	1006046D0
581	10	33.3	83	8	BZ290719	BZ290719	SALK_0911
c 582	10	33.3	83	9	CR147210	CR147210	Reverse s
583	10	33.3	83	9	CR308603	CR308603	Medicago
584	10	33.3	83	9	CC530743	CC530743	CH240_407
585	10	33.3	83	9	CG531994	CG531994	OST115379
586	10	33.3	83	9	CG556690	CG556690	OST172483
587	10	33.3	83	9	CG556781	CG556781	OST172675
588	10	33.3	83	9	CG589032	CG589032	OST240697
589	10	33.3	83	9	CG667733	CG667733	OST461910
590	10	33.3	83	9	CG670595	CG670595	OST470999
591	10	33.3	83	9	CG671017	CG671017	OST472196
592	10	33.3	83	9	CG671207	CG671207	OST472828
593	10	33.3	84	1	AA072567	AA072567	mm74f10.r
c 594	10	33.3	84	2	BE324081	BE324081	NF013B12P
c 595	10	33.3	84	2	BE654145	BE654145	UI-M-AN1-
596	10	33.3	84	5	BW505735	BW505735	BW505735
597	10	33.3	84	6	CF024789	CF024789	QBS8g02.x
c 598	10	33.3	84	7	CF660881	CF660881	CcLL10a33
599	10	33.3	84	8	AZ401951	AZ401951	1M0169I01
600	10	33.3	84	9	CG571232	CG571232	OST200752
601	10	33.3	84	9	CG593746	CG593746	OST251193
c 602	10	33.3	84	9	CG614772	CG614772	OST303345
603	10	33.3	84	9	CG630094	CG630094	OST345016
604	10	33.3	84	9	CG667579	CG667579	OST461438
605	10	33.3	84	9	CG670955	CG670955	OST471968
606	10	33.3	84	9	AG199786	AG199786	Pan trogl
607	10	33.3	85	1	AA654654	AA654654	nt76b11.s
608	10	33.3	85	1	AA717259	AA717259	vt01h07.r
609	10	33.3	85	1	AV951577	AV951577	AV951577
610	10	33.3	85	4	BG108925	BG108925	HRPE1881
c 611	10	33.3	85	8	BH411669	BH411669	1007023E0
612	10	33.3	85	9	CR106082	CR106082	Forward s
c 613	10	33.3	85	9	CG538794	CG538794	OST129135
614	10	33.3	85	9	CG542364	CG542364	OST136704
615	10	33.3	85	9	CG589869	CG589869	OST242608
616	10	33.3	85	9	CG631883	CG631883	OST349094
617	10	33.3	85	9	CG666943	CG666943	OST458481
c 618	10	33.3	85	9	CG725812	CG725812	1119087A0
c 619	10	33.3	86	5	BQ131489	BQ131489	fz57a07.y
c 620	10	33.3	86	7	CN870123	CN870123	001204AAO
c 621	10	33.3	86	7	H55575	H55575	CHR220514 C
c 622	10	33.3	86	7	T60180	T60180	yb68b06.r1
c 623	10	33.3	86	8	B07634	B07634	CDC1c10 Cri
624	10	33.3	86	8	BH849542	BH849542	SALK_0698
c 625	10	33.3	86	9	BX217232	BX217232	Danio rer
c 626	10	33.3	86	9	BX465579	BX465579	INRA porc
c 627	10	33.3	86	9	CR124217	CR124217	Forward s
628	10	33.3	86	9	CG614573	CG614573	OST302932
629	10	33.3	86	9	CG667307	CG667307	OST460007
630	10	33.3	86	9	CG667907	CG667907	OST462736
631	10	33.3	86	9	CG669033	CG669033	OST465609
632	10	33.3	87	2	AW567915	AW567915	si67b12.y
c 633	10	33.3	87	4	BM442356	BM442356	EBan01_SQ
634	10	33.3	87	5	BQ755979	BQ755979	EBem05_SQ
c 635	10	33.3	87	8	AZ345632	AZ345632	1M0080H21
636	10	33.3	87	8	AZ495191	AZ495191	1M0330M21

	637	10	33.3	87	8	AZ511195	AZ511195	1M0356D12
c	638	10	33.3	87	8	AZ787069	AZ787069	2M0032K20
	639	10	33.3	87	8	BH227373	BH227373	1006139E1
	640	10	33.3	87	8	BH908744	BH908744	SALK_0503
	641	10	33.3	87	9	AJ594128	AJ594128	Arabidops
c	642	10	33.3	87	9	FR0016556	AL007754	F.rubripe
	643	10	33.3	87	9	CC545274	CC545274	CH240_427
c	644	10	33.3	87	9	CG518568	CG518568	OST80447
	645	10	33.3	87	9	CG527592	CG527592	OST105666
	646	10	33.3	87	9	CG557237	CG557237	OST173431
	647	10	33.3	87	9	CG581521	CG581521	OST221873
	648	10	33.3	87	9	CG667786	CG667786	OST462147
	649	10	33.3	87	9	CG668267	CG668267	OST464057
	650	10	33.3	87	9	CG669336	CG669336	OST466183
	651	10	33.3	87	9	CG669661	CG669661	OST466808
	652	10	33.3	87	9	CG670580	CG670580	OST470966
c	653	10	33.3	87	9	CL212640	CL212640	G047E07 G
	654	10	33.3	88	1	AA688691	AA688691	vs18c05.r
c	655	10	33.3	88	1	AA895942	AA895942	vy36d03.r
	656	10	33.3	88	1	AI601427	AI601427	fc11b05.x
	657	10	33.3	88	1	AJ713001	AJ713001	AJ713001
	658	10	33.3	88	1	AA474534	AA474534	vg94e02.r
	659	10	33.3	88	5	BU643021	BU643021	mgmk014xA
c	660	10	33.3	88	6	CA904831	CA904831	PCSC11573
c	661	10	33.3	88	6	CB227056	CB227056	1Ru33H06
	662	10	33.3	88	6	CD941265	CD941265	RBA_19 Ge
	663	10	33.3	88	7	CN875610	CN875610	010218AAR
	664	10	33.3	88	7	F37561	F37561	HSPD36443 H
	665	10	33.3	88	8	AZ413718	AZ413718	1M0197E15
c	666	10	33.3	88	8	BZ385377	BZ385377	SALK_1371
c	667	10	33.3	88	9	CG480931	CG480931	OST13108
	668	10	33.3	88	9	CG546072	CG546072	OST145067
	669	10	33.3	88	9	CG556679	CG556679	OST172457
	670	10	33.3	88	9	CG624325	CG624325	OST327716
	671	10	33.3	88	9	CG646018	CG646018	OST391340
	672	10	33.3	88	9	CG667323	CG667323	OST460061
	673	10	33.3	88	9	CG670303	CG670303	OST469658
	674	10	33.3	88	9	CG671014	CG671014	OST472184
	675	10	33.3	88	9	CG887102	CG887102	RRS794 Ba
	676	10	33.3	89	1	AA734898	AA734898	vs17a06.r
c	677	10	33.3	89	1	AA804881	AA804881	ob99a03.s
c	678	10	33.3	89	1	AU076699	AU076699	AU076699
	679	10	33.3	89	4	BG694814	BG694814	NISC_iv08
c	680	10	33.3	89	8	AZ783934	AZ783934	2M0026L04
	681	10	33.3	89	8	CC326457	CC326457	XN390 Bay
	682	10	33.3	89	9	CG556789	CG556789	OST172703
	683	10	33.3	89	9	CG668411	CG668411	OST464311
	684	10	33.3	89	9	CG670053	CG670053	OST468136
c	685	10	33.3	89	9	CL522695	CL522695	DAK5H07 F
c	686	10	33.3	90	1	AA668534	AA668534	ac49h02.s
	687	10	33.3	90	1	AA929350	AA929350	vz41b11.r
	688	10	33.3	90	6	CA390278	CA390278	cs108g03.
	689	10	33.3	90	8	AZ919645	AZ919645	1006016A0
	690	10	33.3	90	8	BH223861	BH223861	1006115D1
	691	10	33.3	90	8	BZ761787	BZ761787	SALK_0813
	692	10	33.3	90	9	CR113388	CR113388	Forward s
	693	10	33.3	90	9	CG669272	CG669272	OST466069

694	10	33.3	90	9	CG670006	CG670006	OST467867
695	10	33.3	90	9	CG670499	CG670499	OST470758
c 696	10	33.3	90	9	CG774959	CG774959	1123022B0
697	10	33.3	91	1	AV959539	AV959539	AV959539
c 698	10	33.3	91	2	AW156221	AW156221	se21b03.y
c 699	10	33.3	91	5	BQ758162	BQ758162	EBma01_SQ
c 700	10	33.3	91	9	CR018008	CR018008	Reverse s
701	10	33.3	91	9	CR028603	CR028603	Reverse s
c 702	10	33.3	91	9	CR139919	CR139919	Forward s
c 703	10	33.3	91	9	TA222B07Q	AL480686	T. brucei
704	10	33.3	91	9	CG588180	CG588180	OST238714
705	10	33.3	91	9	CG589848	CG589848	OST242568
706	10	33.3	91	9	CG595067	CG595067	OST253963
707	10	33.3	91	9	CG669350	CG669350	OST466217
708	10	33.3	91	9	CG669941	CG669941	OST467580
709	10	33.3	92	1	AA159407	AA159407	zo78a04.r
c 710	10	33.3	92	2	AW306753	AW306753	sf47h07.y
c 711	10	33.3	92	9	BX986846	BX986846	Forward s
712	10	33.3	92	9	CNS026HB	AL183368	Tetraodon
c 713	10	33.3	92	9	CNS03PVC	AL255153	Tetraodon
714	10	33.3	92	9	CG563920	CG563920	OST187604
715	10	33.3	92	9	CG568300	CG568300	OST195200
716	10	33.3	92	9	CG574130	CG574130	OST206678
717	10	33.3	92	9	CG611429	CG611429	OST296434
718	10	33.3	92	9	CG617483	CG617483	OST311100
719	10	33.3	92	9	CG671105	CG671105	OST472535
c 720	10	33.3	92	9	CL517406	CL517406	DAC8H05 F
c 721	10	33.3	92	9	CL517562	CL517562	SAA5A01 F
c 722	10	33.3	93	1	AL874852	AL874852	AL874852
723	10	33.3	93	2	AW770041	AW770041	hk57a03.x
724	10	33.3	93	6	CB827240	CB827240	LjNEST72c
c 725	10	33.3	93	7	D42322	D42322	D42322 Rice
726	10	33.3	93	8	AF039815	AF039815	AF039815
727	10	33.3	93	9	DME545082	AJ545082	Drosophil
728	10	33.3	93	9	CG591196	CG591196	OST245519
729	10	33.3	93	9	CG640783	CG640783	OST374264
730	10	33.3	93	9	CG650712	CG650712	OST408706
731	10	33.3	93	9	CG666884	CG666884	OST458177
732	10	33.3	93	9	CG668344	CG668344	OST464210
733	10	33.3	93	9	CG669782	CG669782	OST467048
734	10	33.3	93	9	CG670518	CG670518	OST470821
735	10	33.3	93	9	CL523410	CL523410	SAN7H06 F
736	10	33.3	94	1	AI122238	AI122238	uc60c03.r
737	10	33.3	94	1	AI363926	AI363926	qw34a04.x
c 738	10	33.3	94	1	AI522531	AI522531	fb21d07.x
c 739	10	33.3	94	2	BF222532	BF222532	7p54a08.x
c 740	10	33.3	94	2	BF222598	BF222598	7p56c09.x
c 741	10	33.3	94	8	AZ316864	AZ316864	1M0035H09
742	10	33.3	94	8	AZ650579	AZ650579	1M0520P18
c 743	10	33.3	94	8	AZ869666	AZ869666	2M0181D21
744	10	33.3	94	9	CG590093	CG590093	OST243077
c 745	10	33.3	94	9	CG616268	CG616268	OST308191
746	10	33.3	94	9	CG668232	CG668232	OST463978
747	10	33.3	95	1	AI037576	AI037576	ub53g05.r
c 748	10	33.3	95	2	AW270414	AW270414	xp75d05.x
749	10	33.3	95	4	BI317779	BI317779	saf06d09.
750	10	33.3	95	6	CB351800	CB351800	ZF001-P00

c 751	10	33.3	95	6	CB470059	CB470059	sn15_G08.
752	10	33.3	95	7	CN752159	CN752159	ApHL3SD-X
753	10	33.3	95	7	CN935692	CN935692	000303AVB
754	10	33.3	95	8	AF149590	AF149590	AF149590
755	10	33.3	95	9	LBAF027H09	BX543529	Leishmani
756	10	33.3	95	9	CC885312	CC885312	SALK_1468
757	10	33.3	95	9	CG536508	CG536508	OST124522
758	10	33.3	95	9	CG624798	CG624798	OST329242
759	10	33.3	95	9	CG667522	CG667522	OST461257
760	10	33.3	95	9	CG669833	CG669833	OST467189
c 761	10	33.3	96	1	AA100908	AA100908	zn24a06.s
c 762	10	33.3	96	4	BG792372	BG792372	UTSW_H34C
c 763	10	33.3	96	4	BG817166	BG817166	UTSW_H18A
764	10	33.3	96	4	BJ001073	BJ001073	BJ001073
765	10	33.3	96	4	BM148347	BM148347	TCAAP2D10
766	10	33.3	96	5	BQ565964	BQ565964	gi48f07.y
767	10	33.3	96	5	BQ570023	BQ570023	gi142h11.
768	10	33.3	96	5	BQ586461	BQ586461	S014460-0
c 769	10	33.3	96	7	CK108528	CK108528	I032P16 P
c 770	10	33.3	96	8	BZ288403	BZ288403	SALK_0217
771	10	33.3	96	9	CG557423	CG557423	OST173766
772	10	33.3	96	9	CG669804	CG669804	OST467109
773	10	33.3	97	1	AA648867	AA648867	ns37g08.s
774	10	33.3	97	1	AI756476	AI756476	EtESTea15
775	10	33.3	97	1	AV914575	AV914575	AV914575
776	10	33.3	97	2	AW230298	AW230298	up28g12.y
c 777	10	33.3	97	2	BE200490	BE200490	ug63g02.x
778	10	33.3	97	5	BU887410	BU887410	R059C02 P
c 779	10	33.3	97	6	CF043322	CF043322	QCJ15f02.
c 780	10	33.3	97	7	CF380595	CF380595	lac49b04.
781	10	33.3	97	7	W13267	W13267	mb31f09.r1
782	10	33.3	97	8	CC035248	CC035248	3591_1_73
783	10	33.3	97	9	DR1C9T	AL742696	Danio rer
c 784	10	33.3	97	9	TA90G02Q	AL459890	T. brucei
785	10	33.3	97	9	CG667794	CG667794	OST462205
786	10	33.3	97	9	CG667818	CG667818	OST462316
787	10	33.3	97	9	CG668039	CG668039	OST463371
788	10	33.3	97	9	CG670516	CG670516	OST470818
c 789	10	33.3	98	1	AA471778	AA471778	vg96a08.r
790	10	33.3	98	2	AW566021	AW566021	EST00013
c 791	10	33.3	98	7	CN870330	CN870330	001204AAO
c 792	10	33.3	98	7	T60962	T60962	yc46c01.r1
793	10	33.3	98	8	AQ988931	AQ988931	26A1A04NE
c 794	10	33.3	98	8	AZ759860	AZ759860	1M0553G02
c 795	10	33.3	98	9	CR396685	CR396685	Arabidops
796	10	33.3	98	9	TA162F06P	AL472468	T. brucei
c 797	10	33.3	98	9	CC491773	CC491773	CH240_325
c 798	10	33.3	98	9	CG500261	CG500261	OST43029
799	10	33.3	98	9	CG504720	CG504720	OST53048
c 800	10	33.3	98	9	CG517773	CG517773	OST78575
801	10	33.3	98	9	CG540874	CG540874	OST133471
802	10	33.3	98	9	CG667428	CG667428	OST460708
803	10	33.3	98	9	CG669792	CG669792	OST467073
804	10	33.3	98	9	CG670036	CG670036	OST468077
805	10	33.3	98	9	CG670060	CG670060	OST468152
806	10	33.3	98	9	CG670860	CG670860	OST471752
807	10	33.3	98	9	CL234181	CL234181	02S0288-0

c 808	10	33.3	99	1	AJ666936	AJ666936	AJ666936
809	10	33.3	99	1	AV960230	AV960230	AV960230
c 810	10	33.3	99	2	AW059901	AW059901	50_comp15
c 811	10	33.3	99	2	AW823405	AW823405	uf60g05.x
812	10	33.3	99	4	BG058142	BG058142	nah21b08.
813	10	33.3	99	4	BI416410	BI416410	LjNEST3d3
c 814	10	33.3	99	5	BU744047	BU744047	mah95d05.
815	10	33.3	99	6	CA587001	CA587001	LBG26p32
c 816	10	33.3	99	8	AZ481171	AZ481171	1M0303E13
817	10	33.3	99	8	AZ821790	AZ821790	2M0094009
818	10	33.3	99	8	AZ946034	AZ946034	2M0207G07
819	10	33.3	99	8	BH226809	BH226809	1006134H0
820	10	33.3	99	9	CG475200	CG475200	OST3418 M
821	10	33.3	99	9	CG556697	CG556697	OST172503
822	10	33.3	99	9	CG640420	CG640420	OST373107
823	10	33.3	99	9	CG667424	CG667424	OST460633
824	10	33.3	99	9	CG669897	CG669897	OST467413
825	10	33.3	99	9	CG670978	CG670978	OST472071
826	10	33.3	99	9	CG671301	CG671301	OST473196
827	10	33.3	100	1	AA657678	AA657678	nt82f12.s
828	10	33.3	100	1	AI082549	AI082549	ox58a02.s
829	10	33.3	100	1	AI374471	AI374471	ME000807.
c 830	10	33.3	100	1	AI507467	AI507467	vl44c07.x
c 831	10	33.3	100	1	AA207901	AA207901	mv84f08.r
c 832	10	33.3	100	1	AA237743	AA237743	mx77a06.r
833	10	33.3	100	2	BF736374	BF736374	PM4-KT000
834	10	33.3	100	2	BF741551	BF741551	CM4-HB002
c 835	10	33.3	100	2	AW850609	AW850609	IL3-CT021
836	10	33.3	100	2	BE130029	BE130029	945035C01
c 837	10	33.3	100	2	BE376323	BE376323	601228693
c 838	10	33.3	100	4	BG392617	BG392617	602410851
c 839	10	33.3	100	4	BG910769	BG910769	602810458
840	10	33.3	100	4	BI139198	BI139198	F126P21Y
841	10	33.3	100	5	BQ256063	BQ256063	NISC_jq09
c 842	10	33.3	100	5	BQ761511	BQ761511	EBro08_SQ
c 843	10	33.3	100	5	BU818372	BU818372	UA29DPG03
c 844	10	33.3	100	5	BW176975	BW176975	BW176975
845	10	33.3	100	6	CB210216	CB210216	OML00496
846	10	33.3	100	6	CB366608	CB366608	ZF001-P00
c 847	10	33.3	100	6	CD633183	CD633183	56038174J
c 848	10	33.3	100	6	CF025684	CF025684	QCA1e02.y
849	10	33.3	100	6	CF031373	CF031373	QCD3h11.y
c 850	10	33.3	100	7	H39035	H39035	yp65g02.s1
c 851	10	33.3	100	8	BZ382774	BZ382774	SALK_1188
852	10	33.3	100	9	CG666813	CG666813	OST457826
853	10	33.3	100	9	CG666977	CG666977	OST458637
854	10	33.3	100	9	CG667347	CG667347	OST460160
855	10	33.3	100	9	CG668865	CG668865	OST465211
856	10	33.3	100	9	CG670833	CG670833	OST471688
857	10	33.3	100	9	CG671341	CG671341	OST473325
c 858	10	33.3	100	9	CG729247	CG729247	1119110B0
c 859	10	33.3	100	9	CG731464	CG731464	1119140G1